

STATE of INDIANA  
DEPARTMENT of NATURAL RESOURCES  
DIVISION of WATER

BENCH MARK DESCRIPTIONS  
**HAMILTON COUNTY, INDIANA**

SECTION CORNER MONUMENT #1

Hamilton County, Fishers Quadrangle, near the corner common to Sections 1 and 6 in T. 17 N., R. 4 E., and Sections 6 and 7 in T. 17 N., R. 5 E., both of the 2<sup>nd</sup> PM; set in the intersection of Lantern Road and East 106th Street; a section corner monument.

815.841 feet NGVD 1929                      2<sup>nd</sup> Order

SECTION CORNER MONUMENT #2

Hamilton County, Fishers Quadrangle, near the corner common to Sections 1 and 6 of T. 17 N., R. 4 E., and Sections 6 and 7 of T. 17 N., R. 5 E., both of the 2<sup>nd</sup> PM; 85 feet north of the intersection of Lantern Road and East 106th Street; a section corner monument.

814.617 feet NGVD 1929                      2<sup>nd</sup> Order

ISHC BM HAM G 47

Hamilton County, Fishers Quadrangle, in the SW ¼ of Sec. 12, T. 17 N, R. 4 E., 2<sup>nd</sup> P.M.; about 1.5 miles northeast of Castleton; at the East 96<sup>th</sup> Street bridge over Interstate 69 (Hamilton-Marion County Line); set in the northwest concrete headwall of the bridge, 23.2 feet north of the centerline of East 96<sup>th</sup> Street, 1.5 feet east of the west end of the headwall, level with the curb, 0.6 foot above the road; a Indiana State Highway Commission control station tablet, stamped "HAM G 47".

845.135 feet NGVD 1929                      2<sup>nd</sup> Order

DNR TBM HIMUSA 9, 1989

Hamilton County, McCordsville Quad, NW ¼ of Sec. 25, T. 18 N, R. 5 E., 2<sup>nd</sup> P.M.; about 6.0 miles north of McCordsville; at the intersection of State Road 238 and East 136<sup>th</sup> Street; set in the southeast side of a utility pole, 15.5 feet north of the centerline of East 136<sup>th</sup> Street, 81.0 feet southwest of the centerline of State Road 238, 0.9 foot above the ground; a railroad spike with an aluminum tag, stamped "HIMUSA 9 1989".

844.613 feet NGVD 1929                      2<sup>nd</sup> Order

DNR TBM HD 1, 1989

Hamilton County, McCordsville Quad, in the in the SE ¼ of Sec. 33, T. 18 N., R. 5 E., 2<sup>nd</sup> P.M.; about 4.7 miles northwest of McCordsville; at the Hoosier Road concrete culvert over High Ditch; set in the northwest side of utility pole #199-450, 38.7 feet east of the centerline of Hoosier Road, 17.0 feet south of the centerline of a private drive, 77.0 feet southwest of the concrete culvert over High Ditch, 1.0 foot above the ground; a railroad spike with an aluminum tag stamped, "HD 1 1989".

805.034 feet NGVD 1929                      2<sup>nd</sup> Order

DNR TBM HD 2, 1989

Hamilton County, McCordsville Quad, in the NW  $\frac{1}{4}$  of Sec. 4, T. 17 N., R. 5 E., 2<sup>nd</sup> P.M.; about 4.6 miles northwest of McCordsville; at the East 116<sup>th</sup> Street CMP over High Ditch; set in the south side of a utility pole, 21.0 feet north of the centerline of East 116<sup>th</sup> Street, 13.0 feet west of the CMP, 1.0 foot above the ground; a railroad spike with an aluminum tag, stamped "HD 2 1989".

792.405 feet NGVD 1929                      2<sup>nd</sup> Order

DNR TBM HD 3, 1989

Hamilton County, McCordsville Quad, in the NE  $\frac{1}{4}$  of Sec. 5, T. 17 N., R. 5 E., 2<sup>nd</sup> P.M.; about 4.7 miles northwest of McCordsville; at the "T"-road intersection of Fall Road and East 116<sup>th</sup> Street; set in the north side of a utility pole, 95.5 feet south of the centerline of East 116<sup>th</sup> Street, 14.5 feet west of the centerline of Fall Road, 1.0 foot above the ground; a railroad spike with an aluminum tag, stamped "HD 3 1989".

787.720 feet NGVD 1929                      2<sup>nd</sup> Order

DNR TBM MC 1, 1989

Hamilton County, McCordsville Quad, in the NE  $\frac{1}{4}$  of Sec. 7, T. 17 N. R. 5 E., 2<sup>nd</sup> P.M.; near the Cumberland Road Bridge over Mud Creek; set in the northeast side of utility pole # 55570, 11.0 feet west of the west face of the bridge, 1.0 foot above the ground, 1.5 feet east of a fence line; a railroad spike with an aluminum tag, stamped "MC 1 1989".

781.990 feet NGVD 1929                      2<sup>nd</sup> Order

DNR TBM MC 2, 1989

Hamilton County, McCordsville Quad, in the NW  $\frac{1}{4}$  of Sec. 4, T. 17 N. R. 5 E., 2<sup>nd</sup> P.M.; about 4.4 miles northwest of McCordsville; at the Fall Road wooden bridge over Mud Creek; set in the top of the northeast wooden bridge seat, 14.5 feet east of the centerline of Fall Road, 0.4 foot southwest of the northeast end of the bridge seat, level with road; a galvanized anchor cap with an aluminum tag, stamped "MC 2 1989".

789.317 feet NGVD 1929                      2<sup>nd</sup> Order

DNR TBM MC 3, 1989

Hamilton County, McCordsville Quad, in the NE  $\frac{1}{4}$  of Sec. 5, T. 17 N., R. 5 E., 2<sup>nd</sup> P.M.; about 4.4 miles northwest of McCordsville; at the Fall Road wooden bridge over Mud Creek; set in the northwest side of a wood support piling for the bridge, 26.0 feet south of the north end of the bridge, 14.5 feet west of the centerline of Fall Road, 3.8 feet below the top of the wooden curbing of the bridge, 3.8 feet above the ground; a railroad spike with an aluminum tag, stamped "MC 3 1989".

786.860 feet NGVD 1929                      2<sup>nd</sup> Order

DNR TBM MC 4, 1989

Hamilton County, McCordsville Quad, in the SW  $\frac{1}{4}$  of Sec. 25, T. 18 N., R. 5 E., 2<sup>nd</sup> P.M.; about 5.3 miles north of McCordsville; near the Olio Road Bridge over Mud Creek; set in the west side of a 9 inch Elm tree, 240.0 feet north of the north end of the bridge over Mud Creek, 10.5 feet east of the centerline of Olio Road, 1.5 feet above the ground; a railroad spike with an aluminum tag, stamped "MC 4 1989".

816.724 feet NGVD 1929                      2<sup>nd</sup> Order

DNR TBM MC 5, 1989

Hamilton County, McCordsville Quad, in the NE  $\frac{1}{4}$  of Sec. 25, T. 18 N., R. 5 E., 2<sup>nd</sup> P.M.; about 5.7 miles north of McCordsville; at the State Road 238 Bridge over Mud Creek; set in the west face of the northeast wooden bridge seat, 16.3 feet north of the centerline of State Road 238, 3.1 feet below the curbing of the bridge, 3.1 feet above the ground; a railroad spike with an aluminum tag, stamped "MC 5 1989".

822.340 feet NGVD 1929                      2<sup>nd</sup> Order

DNR TBM SC 1, 1989

Hamilton County, McCordsville Quad, in the SW  $\frac{1}{4}$  of Sec. 5, T. 17 N., R. 5 E., 2<sup>nd</sup> P.M.; about 4.8 miles northwest of McCordsville; at the Cumberland Road Bridge (south most bridge) over Sand Creek; set in the south face of the northeast wooden bridge seat of the bridge, 15.0 feet east of the centerline of Cumberland Road, 38.0 feet south of the centerline of Valley Farms Estates Road, 1.5 feet below the road; a railroad spike with an aluminum tag stamped "SC 1 1989".

785.948 feet NGVD 1929                      2<sup>nd</sup> Order

DNR TBM SC 2, 1989

Hamilton County, McCordsville Quad, in the in the SE  $\frac{1}{4}$  of Sec. 6, T. 17 N., R. 5 E., 2<sup>nd</sup> P.M.; about 4.8 miles northwest of McCordsville; at the Cumberland Road Bridge (south most bridge) over Sand Creek; set in the top of the southwest wooden bridge seat, 13.5 feet west of the centerline of Cumberland Road, 0.5 foot west of west face of wooden guardrail, level with the road; a galvanized anchor cap with an aluminum tag stamped "SC 2 1989".

787.395 feet NGVD 1929                      2<sup>nd</sup> Order

DNR TBM SC 3, 1989

Hamilton County, McCordsville Quad, in the NE  $\frac{1}{4}$  of Sec. 6, T.17N, R.5 E., 2<sup>nd</sup> P.M.; about 5.2 miles northwest of McCordsville; near the Cumberland Road Bridge (north most bridge) over Sand Creek; set in the northeast side of utility pole # PSC-FI 55-546, 18.0 feet west of the centerline of Cumberland Road, 19.0 feet south of the south end of the bridge, 6.0 feet east of a fence line, 1.1 feet above the ground; a railroad spike with an aluminum tag, stamped "SC 3 1989".

791.647 feet NGVD 1929                      2<sup>nd</sup> Order

DNR TBM SC 4, 1989

Hamilton County, McCordsville Quad, in the NW  $\frac{1}{4}$  of Sec. 5, T. 17 N., R. 5 E., 2<sup>nd</sup> P.M.; about 5.2 miles northwest of McCordsville; at the Cumberland Road Bridge (north most bridge) over Sand Creek; set in the top of the southeast wooden bridge seat, 13.0 feet east of the centerline of Cumberland Road, 0.8 foot west of the east end of the bridge seat, level with road; a galvanized anchor cap, with an aluminum tag, stamped "SC 4 1989".

791.512 feet NGVD 1929                      2<sup>nd</sup> Order

DNR TBM SC 5, 1989

Hamilton County, McCordsville Quad, in the SW  $\frac{1}{4}$  of Sec. 32, T. 18 N., R. 5 E., 2<sup>nd</sup> P.M.; about 5.4 miles northwest of McCordsville; near the East 116<sup>th</sup> Street Bridge over Sand Creek; set in the southeast side of a utility pole, 15.0 feet north of the centerline of East 116<sup>th</sup> Street, 1.4 feet above the ground, 12.0 feet east of the east end of the bridge; a railroad spike with an aluminum tag, stamped "SC 5 1989".

798.542 feet NGVD 1929                      2<sup>nd</sup> Order

DNR TBM SC 6, 1989

Hamilton County, McCordsville Quad, in the East  $\frac{1}{2}$  of Sec. 32 T. 18 N., R. 5 E., 2<sup>nd</sup> P.M.; about 5.5 miles northwest of McCordsville; at the East 121<sup>st</sup> Street Bridge over Sand Creek; set in the northwest side of utility pole # 77-285, 18.0 feet south of the centerline of East 121<sup>st</sup> Street, 30.0 feet east of the east end of the bridge, 1.4 feet above ground; a railroad spike with an aluminum tag, stamped "SC 6 1989".

801.985 feet NGVD 1929                      2<sup>nd</sup> Order

DNR TBM SC 7, 1989

Hamilton County, McCordsville Quad, in the NW  $\frac{1}{4}$  of Sec. 33, T. 18 N., R. 5 E., 2<sup>nd</sup> P.M.; about 5.8 miles northwest of McCordsville; at the East 126<sup>th</sup> Street Bridge over Sand Creek; set in the north side of a 10 inch Cottonwood tree, near the east end of the bridge, 9.0 feet south of the south face of the bridge, 5.3 feet below the road, 0.9 foot above the ground; a railroad spike with an aluminum tag, stamped "SC 7 1989".

801.338 feet NGVD 1929                      2<sup>nd</sup> Order

DNR TBM SC 8, 1989

Hamilton County, McCordsville Quad, in the SW  $\frac{1}{4}$  of Sec. 28, T. 18 N., R. 5 E., 2<sup>nd</sup> P.M.; about 5.8 miles northwest of McCordsville; at the East 126<sup>th</sup> Street bridge over Sand Creek; set in the top of the northwest concrete wingwall of the bridge, 37.0 feet east of a bridge insignia sign, 17.0 feet north of the centerline of East 126<sup>th</sup> Street, level with road; a chiseled square.

806.435 feet NGVD 1929                      2<sup>nd</sup> Order

DNR TBM HIMUSA 5, 1989

Hamilton County, McCordsville Quad, in the NE  $\frac{1}{4}$  of Sec. 6, T. 17 N., R. 5 E., 2<sup>nd</sup> P.M.; about 5.2 miles northwest of McCordsville; at the intersection of East 116<sup>th</sup> Street and Cumberland Road, in the southeast quadrant of the intersection; at the Public Service of Indiana-Fishers Station; set in the north side of a utility pole, 85.0 feet south of the centerline of East 116<sup>th</sup> Street, 57.5 feet east of the centerline of Cumberland Road, 1.0 foot above the ground; a railroad spike with an aluminum tag, stamped "HIMUSA 5 1989".

823.681 feet NGVD 1929      2<sup>nd</sup> Order

DNR TBM HIMUSA 6, 1989

Hamilton County, McCordsville Quad, in the NE  $\frac{1}{4}$  of Sec. 8, T. 17 N., R. 5 E., 2<sup>nd</sup> P.M.; about 4.1 miles northwest of McCordsville; at the "T"-road intersection of East 106<sup>th</sup> Street and Fall Road; set in the north side of utility pole # 70-784, 50.0 feet west of the centerline of Fall Road, 14.0 feet south of the centerline of East 106<sup>th</sup> Street, 1.0 foot above the ground; a railroad spike with an aluminum tag, stamped "HIMUSA 6 1989".

827.509 feet NGVD 1929      2<sup>nd</sup> Order

SECTION CORNER Monument # 5

Hamilton County, McCordsville Quad, in the Corner of Sec. 4,5,8, & 9, T. 17 N., R. 5 E., 2<sup>nd</sup> P.M.; about 4.1 miles northwest of McCordsville; at the intersection of 106<sup>th</sup> Street and Fall Road; set in the centerline of East 106<sup>th</sup> Street and Fall Road; a section corner monument.

826.423 feet NGVD 1929      2<sup>nd</sup> Order

DNR TBM HIMUSA 7, 1989

Hamilton County, McCordsville Quad, in the NE  $\frac{1}{4}$  of Sec. 3, T. 17 N., R. 5 E., 2<sup>nd</sup> P.M.; about 4.0 miles north-northwest of McCordsville; at the intersection of East 116<sup>th</sup> Street and Brook School Avenue; set in the east side of utility pole #125, 25.0 feet south of the centerline of East 116<sup>th</sup> Street, 19.0 feet east of Brook School Ave., 1.0 foot above the ground; a railroad spike with an aluminum tag, stamped "HIMUSA 7 1989".

817.117 feet NGVD 1929      2<sup>nd</sup> Order

DNR TBM VW 1, 1989

Hamilton County, McCordsville Quad, in the SW  $\frac{1}{4}$  of Sec. 3, T. 17 N., R. 5 E., 2<sup>nd</sup> P.M.; about 3.2 miles north-northwest of McCordsville; about 0.35 miles east of the intersection of Geist Road and East 106<sup>th</sup> Street; set in the south side of a utility pole on the north side of 106<sup>th</sup> Street, 74.0 feet east of a concrete culvert, 43.0 feet northwest from a field entrance gate, 15.0 feet north of the centerline of East 106<sup>th</sup> Street, 1.2 feet above the ground; a railroad spike.

794.711 feet NGVD 1929      3<sup>rd</sup> Order

DNR TBM VW 2, 1989

Hamilton County, McCordsville Quad, in the NE  $\frac{1}{4}$  of Sec. 10, T. 17 N., R. 5 E., 2<sup>nd</sup> P.M.; about 2.9 miles north-northwest of McCordsville; at the intersection of East 106<sup>th</sup> Street and Fall creek Road; set in the northeast side of a utility pole, 16.0 feet south of the centerline of East 106<sup>th</sup> Street, 46.5 feet northwest of the centerline of Fall Creek Road, 1.5 feet above the ground; a railroad spike.

797.405 feet NGVD 1929                      3<sup>rd</sup> Order

DNR BM HAM 86, 1989

Hamilton County, McCordsville Quad, in the NW  $\frac{1}{4}$  of Sec. 8, T. 17 N., R. 5 E., 2<sup>nd</sup> P.M.; about 4.6 miles northwest of McCordsville; at the East 106<sup>th</sup> Street Bridge over Mud Creek; set in the top of the southwest concrete bridge seat, 15.0 feet south of the centerline of East 106<sup>th</sup> Street, 2.1 feet below the road, 0.6 foot southeast of the southeast face of the wingwall; a Indiana Department of Natural Resources control station tablet, stamped "HAM 86 1989".

784.773 feet NGVD 1929                      2<sup>nd</sup> Order

DNR BM HAM 87, 1989

Hamilton County, McCordsville Quad, in the North  $\frac{1}{2}$  of Sec. 4, T. 17 N., R. 5 E., 2<sup>nd</sup> P.M.; about 4.5 miles northwest of McCordsville; at the Klepfer School Road Bridge over Mud Creek; set in the top of the west concrete guardrail of the bridge, 9.0 feet west of the centerline of Klepfer School Road, 10.8 feet north of the south end of the guardrail, 3.8 feet above the road; a Indiana Department of Natural Resources control station tablet, stamped "HAM 87 1989".

798.676 feet NGVD 1929                      2<sup>nd</sup> Order

DNR BM HAM 88, 1989

Hamilton County, McCordsville Quad, in the in the SE  $\frac{1}{4}$  of Sec. 34, T. 18 N., R. 5 E., 2<sup>nd</sup> P.M.; about 4.3 miles north-northwest of McCordsville; at the Brooks School Avenue Bridge over Mud Creek; set in the top of the southwest concrete bridge seat, 15.0 feet west of the centerline of Brooks School Avenue, 1.7 feet below the road, 0.5 foot east of the west face of the bridge seat; a Indiana Department of Natural Resources control station tablet, stamped "HAM 88 1989".

804.272 feet NGVD 1929                      2<sup>nd</sup> Order

DNR BM HAM 89, 1989

Hamilton County, McCordsville Quad, in the in the SE  $\frac{1}{4}$  of Sec. 26, T. 18 N., R. 5 E., 2<sup>nd</sup> P.M.; about 5.0 miles north of McCordsville; at the East 126<sup>th</sup> Street Bridge over Mud Creek; set in the north end of the west bridge seat, 14.5 feet north of the centerline of East 126<sup>th</sup> Street, 1.7 feet below the road, 0.7 foot west of the east corner of the bridge seat; a Indiana Department of Natural Resources control station tablet, stamped "HAM 89 1989".

812.824 feet NGVD 1929                      2<sup>nd</sup> Order

DNR BM HAM 90, 1989

Hamilton County, McCordsville Quad, in the NE  $\frac{1}{4}$  of Sec. 25, T. 18 N., R. 5 E., 2<sup>nd</sup> P.M.; about 6.0 miles north-northeast of McCordsville; at the East 136<sup>th</sup> Street Bridge over Mud Creek; set in the southeast concrete wingwall of the bridge, 10.0 feet south of the centerline of East 136<sup>th</sup> Street, 0.7 feet southeast of the southeast corner of the concrete guardrail, 0.5 foot below the road; a Indiana Department of Natural Resources control station tablet, stamped "HAM 90 1989".

824.374 feet NGVD 1929                      2<sup>nd</sup> Order

ISHC BM

Hamilton County, McCordsville Quad, in the SE  $\frac{1}{4}$  of Sec. 23, T. 18 N., R. 5 E., 2<sup>nd</sup> P.M.; about 6.25 miles north of McCordsville; at the State Road 238 Bridge over Interstate 69; set in the north concrete curbing of the bridge, 17.0 feet northeast of the centerline of State Road 238, 17.0 feet southeast of the northwest end of the concrete guardrail, 0.7 foot above the road; a Indiana State Highway Commission control station tablet, the stamping is indecipherable.

860.315 feet NGVD 1929                      2<sup>nd</sup> Order

ISHC BM HAM G 34

Hamilton County, McCordsville Quad, in the SE  $\frac{1}{4}$  of Sec. 28, T. 18 N., R. 5 E., 2<sup>nd</sup> P.M.; about 5.3 miles northwest of McCordsville; at the East 126<sup>th</sup> Street Bridge over Interstate 69; set in the northeast corner of the concrete guardrail base of the bridge, 18.0 feet north of the centerline of East 126<sup>th</sup> Street, 0.8 foot above the road, 0.8 foot south of the north face of the guardrail base; a Indiana State Highway Commission control station tablet stamped "HAM G 34".

849.043 feet NGVD 1929                      2<sup>nd</sup> Order



ISHC BM HAM G 37

Hamilton County, McCordsville Quad, in the SE  $\frac{1}{4}$  of Sec. 24, T. 18 N., R. 5 E., 2<sup>nd</sup> P.M.; about 6.2 miles north-northeast of McCordsville; at the west bound Interstate 69 Bridge over Mud Creek; set in the west end of the north concrete guardrail base of the bridge, 22.5 feet north of the west bound centerline of Interstate 69, 0.6 foot above the road, 0.8 foot south of the north face of the guardrail base; a Indiana State Highway Commission control station tablet, stamped "HAM G 37".

832.863 feet NGVD 1929                      2<sup>nd</sup> Order

ISHC BM HAM G 51

Hamilton County, McCordsville Quad, in the NE  $\frac{1}{4}$  of Sec. 31, T. 18 N., R. 5 E., 2<sup>nd</sup> P.M.; about 6.0 miles northwest of McCordsville; at the Cumberland Road Bridge over Interstate 69; set in the southwest concrete headwall of the bridge, 19.5 feet west of the centerline of Cumberland Road, 0.8 foot south of the north face of the headwall, 0.8 foot above the road; a Indiana State Highway Commission control station tablet, stamped "HAM G 51".

850.033 feet NGVD 1929                      2<sup>nd</sup> Order

DNR TBM HIMUSA 8, 1989

Hamilton County, McCordsville Quad, in the SW  $\frac{1}{4}$  of Sec. 26, T. 18 N., R. 5 E., 2<sup>nd</sup> P.M.; about 6.0 miles north-northwest of McCordsville; at the intersection of East 126<sup>th</sup> Street and Brook School Avenue; set in the south side of utility pole #55-536, 14.5 feet north of the centerline of 126<sup>th</sup> Street, 19.0 feet east of the centerline of Brook School Avenue, 0.8 foot above the ground; a railroad spike with an aluminum tag, stamped "HIMUSA 8 1989".

826.810 feet NGVD 1929                      2<sup>nd</sup> Order

DNR TBM COOL 4, 1994

In Hamilton County, Fishers Quad., set in the NW  $\frac{1}{4}$  of Section 29, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; at Carmel; at the 131<sup>st</sup> Street bridge over Cool Creek; set in the southeast concrete wingwall of the bridge, 23 feet south of the centerline of 131<sup>st</sup> Street, 0.5 foot east of the west face of the concrete wingwall of the bridge, 0.3 foot south of the south face of the concrete headwall, 0.9 foot below the top of the concrete headwall; a chiseled triangle.

794.795 feet NGVD 1929                      3<sup>rd</sup> Order

DNR TBM 68001, 2000

In Hamilton County, Fishers Quad., in the SW  $\frac{1}{4}$  of Section 29, T.18 N., R. 4 E., 2<sup>nd</sup> P.M.; about 1 mile east of Carmel; in the southwest  $\frac{1}{4}$  of the intersection of 131<sup>st</sup> Street and Cricklewood Court; set in the north side of a power pole, 46 feet south of the centerline of 131<sup>st</sup> Street, 33.6 feet west of the centerline of Cricklewood Court, 18.6 feet north of the "Cricklewood" stone gate, 19.7 feet southeast of a fire hydrant, about 1 foot above the ground; a railroad spike driven through an aluminum tag, stamped "IDNR TBM 68001 2000".

799.218 feet NGVD 1929                      3<sup>rd</sup> Order

DNR TBM 68002, 2000

In Hamilton County, Fishers Quad., in the SE  $\frac{1}{4}$  of Section 29, T.18 N., R. 4 E., 2<sup>nd</sup> P.M.; about 1.5 miles east of Carmel; in the southwest  $\frac{1}{4}$  of the intersection of 131<sup>st</sup> Street and Gray Road; set in the north side of a power pole, 54.4 feet south of the centerline of 131<sup>st</sup> Street, 50.7 feet west of the centerline of Gray Road, 9.7 feet southwest of metal "stop light" pole, about 1 foot above the ground; a railroad spike driven through an aluminum tag, stamped "IDNR TBM 68002 2000".

792.606 feet NGVD 1929                      3<sup>rd</sup> Order

DNR TBM 68003, 2000

In Hamilton County, Fishers Quad., in the SE  $\frac{1}{4}$  of Section 29, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; about 1.8 miles east of Carmel; in the northwest  $\frac{1}{4}$  of the intersection of 126<sup>th</sup> Street and Gray Road; set in the east side of a power pole, 46 feet north of the centerline of 126<sup>th</sup> Street, 39.6 feet west of the centerline of Gray Road, 30.9 feet south of a power pole, 3.5 feet east of a large utility box, about 1 foot above the ground; a rail road spike driven through an aluminum tag, stamped "IDNR TBM 68003 2000".

787.387 feet NGVD 1929                      3<sup>rd</sup> Order

DNR TBM 68004, 2000

In Hamilton County, Fishers Quad., in the NW  $\frac{1}{4}$  of Section 33, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; about 2 miles southeast of Carmel; about 0.5 mile south along Gray Road from its intersection with 126<sup>th</sup> Street, in front of house # 11985 Gray Road; set in the west side of a power pole, 91.4 feet south of a power pole, 55.3 feet northeast of a cable riser box, 51 feet south of the centerline of a driveway, 18.9 feet east of the centerline of Gray Road, about 1.2 feet above the ground; a railroad spike driven through an aluminum tag, stamped "IDNR TBM 68004 2000".

779.815 feet NGVD 1929                      3<sup>rd</sup> Order

DNR TBM 68005, 2000

In Hamilton County, Fishers Quad., in the SW  $\frac{1}{4}$  of Section 33, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; about 2.2 miles southeast of Carmel; about 0.1 mile north along Gray Road from its intersection with 116<sup>th</sup> Street, at the Gray Road bridge over Cool Creek; set on top of the southeast concrete bridge abutment, 22.6 feet east of the centerline of Gray Road, 2.6 feet below the top of the guardrail, 2 feet west of the east face of the abutment, 1.9 feet south of the north face of the abutment, 1.8 feet north of the south abutment, about level with the sidewalk; a chiseled triangle.

755.882 feet NGVD 1929                      3<sup>rd</sup> Order

DNR TBM 68006, 2000

In Hamilton County, Fishers Quad., in the NW  $\frac{1}{4}$  of Section 4, T. 17 N., R. 4 E., 2<sup>nd</sup> P.M.; about 2.5 miles southeast of Carmel; about 0.2 mile east along 116<sup>th</sup> Street from its intersection with Gray Road, at the 116<sup>th</sup> Street bridge over Cool Creek; set on top of the southwest concrete wingwall, 42.3 feet east of the centerline of Wood Creek Road, 34.7 feet south of the centerline of 116<sup>th</sup> Street, 0.7 foot west of the east face of the wingwall, 0.8 foot east of the west face of the wingwall, about 0.7 foot above the road, about level with the sidewalk; a chiseled triangle.

749.170 feet NGVD 1929                      3<sup>rd</sup> Order

DNR TBM 68007, 2000

In Hamilton County, Fishers Quad., in the NE  $\frac{1}{4}$  of Section 4, T. 17 N., R. 4 E., 2<sup>nd</sup> P.M.; about 3.1 miles southeast of Carmel; about 0.75 mile east along 116<sup>th</sup> Street from its intersection with Hazel Dell Parkway; set in the north side of a power pole, 68.2 feet south of the south edge of 116<sup>th</sup> Street, 41.9 feet south of a metal "stop light" sign post, 28.6 feet west of the west edge of Hazel Dell Parkway, 10.2 feet southwest of a large utility box, about 1.5 feet above the ground; a railroad spike driven through an aluminum tag, stamped "IDNR TBM 68007 2000".

747.367 feet NGVD 1929                      3<sup>rd</sup> Order

DNR TBM 68008, 2000

In Hamilton County, Fishers Quad., in the NW  $\frac{1}{4}$  of Section 3, T. 17 N., R. 4 E., 2<sup>nd</sup> P.M.; about 3.4 miles southeast of Carmel; at the 116<sup>th</sup> Street bridge over the White River; set on top of the southwest concrete bridge abutment, 24.5 feet east of the concrete monument dedicating the bridge, 6.2 feet east of the west face of the abutment, 0.6 foot west of the east face of the abutment, about 0.6 foot below the guardrail; a chiseled triangle.

752.900 feet NGVD 1929                      3<sup>rd</sup> Order

DNR TBM 68009, 2000

In Hamilton County, Fishers Quad., in the NE  $\frac{1}{4}$  of Section 3, T. 17 N., R. 4 E., 2<sup>nd</sup> P.M.; about 3.6 miles southeast of Carmel; about 0.25 mile easterly along 116<sup>th</sup> Street from the 116<sup>th</sup> Street bridge over the White River, in the southeast  $\frac{1}{4}$  of the intersection of Eller Road and 116<sup>th</sup> street; set in the west side of a power pole, 71.2 feet east of the east edge of Eller Road, 47.2 feet east of a metal "street light" post, 37 feet south of the south edge of 116<sup>th</sup> Street, 32.5 feet southwest of a metal "WALK" sign post, about 1.7 feet above the ground; a railroad spike driven through an aluminum tag, stamped "IDNR TBM 68009 2000".

740.763 feet NGVD 1929                      3<sup>rd</sup> Order

DNR TBM 680010, 2000

In Hamilton County, Fishers Quad., in the SE  $\frac{1}{4}$  of Section 3, T. 17 N., R. 4 E., 2<sup>nd</sup> P.M.; about 3.9 miles southeast of Carmel; about 0.25 mile east along 116<sup>th</sup> Street from the 116<sup>th</sup> Street bridge over the White River, to the intersection of Eller Road and 116<sup>th</sup> street, thence south along Eller Road about 0.5 mile to the southeast  $\frac{1}{4}$  of the intersection of Eller Road and Manchester Street; set in the west side of a power pole, 70.5 feet south of the centerline of east bound Manchester Street, 40.3 feet east of the centerline of Eller Road, about 1 foot above the ground; a railroad spike driven through an aluminum tag, stamped "IDNR TBM 68010 2000".

766.174 feet NGVD 1929                      3<sup>rd</sup> Order

DNR TBM 680011, 2000

In Hamilton County, Fishers Quad., in the NW  $\frac{1}{4}$  of Section 10, T. 17 N., R. 4 E., 2<sup>nd</sup> P.M.; about 4.1 miles southeast of Carmel; about 0.6 mile west along 106<sup>th</sup> Street from the intersection of 106<sup>th</sup> street and Allisonville Road, in the southeast  $\frac{1}{4}$  of the intersection of 106<sup>th</sup> Street and Eller Road; set in the north side of a power pole, 107 feet east of the centerline of Eller Road, 44.4 feet south of the centerline of 106<sup>th</sup> Street, 22 feet northeast of the corner of a brick sign for "ELLER RUN SUBDIVISION"; a railroad spike driven through an aluminum tag, stamped "IDNR TBM 680011 2000".

758.317 feet NGVD 1929                      3<sup>rd</sup> Order

DNR TBM 680012, 2000

In Hamilton County, Fishers Quad., in the NE  $\frac{1}{4}$  of Section 10, T. 17 N., R. 4 E., 2<sup>nd</sup> P.M.; about 4.3 miles southeast of Carmel; about 0.25 mile west along 106<sup>th</sup> Street from its intersection with Allisonville Road; set in the north side of a power pole, 47 feet north of the corner of a house, 43.3 feet south of the centerline of 106<sup>th</sup> Street, 22.8 feet northwest of the corner of a wood fence, 1.2 feet above the ground; a railroad spike driven through an aluminum tag, stamped "IDNR TBM 680012 2000".

779.940 feet NGVD 1929                      3<sup>rd</sup> Order

DNR TBM 680013, 2000

In Hamilton County, Fishers Quad., in the NW  $\frac{1}{4}$  of Section 11, T. 17 N., R. 4 E., 2<sup>nd</sup> P.M.; about 4.6 miles southeast of Carmel; in the southeast  $\frac{1}{4}$  of the intersection of 106<sup>th</sup> Street and Allisonville Road; set in the south side of a power pole, 133 feet east of the centerline of Allisonville Road, 48.3 feet southeast of a metal "street light" post, 28.3 feet north of a chain link fence around the airport, 20.2 feet south of the centerline of 106<sup>th</sup> Street, about 1.3 feet above the ground; a railroad spike driven through an aluminum tag, stamped "IDNR TBM 680013 2000".

774.942 feet NGVD 1929                      3<sup>rd</sup> Order

DNR TBM 680014, 2000

In Hamilton County, Fishers Quad., in the NE  $\frac{1}{4}$  of Section 11, T. 17 N., R. 4 E., 2<sup>nd</sup> P.M.; about 5.3 miles southeast of Carmel; at the intersection of 106<sup>th</sup> Street and Hague Road, in the southwest  $\frac{1}{4}$  of the intersection; set in the north side of a power pole, 111 feet west of the centerline of Hague Road, 46.7 feet northwest of the corner of a walking bridge, 45.6 feet east of a power pole, 16.8 feet south of the centerline of 106<sup>th</sup> Street; a railroad spike driven through an aluminum tag, stamped "IDNR TBM 680014 2000".

786.203 feet NGVD 1929                      3<sup>rd</sup> Order

DNR TBM 680015, 2000

In Hamilton County, Fishers Quad., in the SW  $\frac{1}{4}$  of Section 1, T. 17 N., R. 4 E., 2<sup>nd</sup> P.M.; about 5.5 miles southeast of Carmel; about 0.2 mile east along 106<sup>th</sup> Street from its intersection with Hague Road, at the 106<sup>th</sup> street bridge over Cheeney Creek; set in the northeast concrete wingwall of the bridge, 11.5 feet north of the centerline of 106<sup>th</sup> Street, 5.6 feet southwest of the northeast end of the wingwall, 1 foot west of the east edge of the wingwall, 2.9 feet below the top of the concrete guardrail; a chiseled square.

791.863 feet NGVD 1929                      3<sup>rd</sup> Order

Hamilton County Geodetic Control Marker

In Hamilton County, Fishers Quad, in the NE  $\frac{1}{4}$  of Section 9, T. 17 N., R. 4 E., 2<sup>nd</sup> P.M.; about 3.8 miles southeast of Carmel; at the Hazel Dell Parkway bridge over Blue Woods Creek; set on top of the southwest concrete bridge abutment, 29.5 feet west of the centerline the south the bound lanes of Hazel Dell Parkway, 16.2 feet south of the north end of the bridge abutment, 1.0 foot north of the south end of the abutment, 0.9 foot west of the east face of the abutment, 0.6 foot east of the west face of the abutment, about 0.5 foot above the level of the centerline of Hazel Dell Parkway, about level with the asphalt sidewalk; a metal disk stamped "Hamilton County Geodetic Control marker".

744.042 feet NGVD 1929                      3<sup>rd</sup> Order

DNR TBM "A" 1989

In Hamilton County, Noblesville Quad., in the SW  $\frac{1}{4}$  OF Sec. 18, T.19 N., R. 5 E., 2<sup>nd</sup> P.M.; about 2.5 miles south of Cicero; at the intersection of State Road 19 and East 206<sup>th</sup> Street; set in the south side of a utility pole, 192.0 feet north of the centerline of East 206<sup>th</sup> Street, 39.5 feet east of the centerline of State Road 19, 1.0 foot north of a fence corner post, 1.1 feet above the ground; a railroad spike.

799.575 feet NGVD 1929

DNR TBM "B" 1989

In Hamilton County, Noblesville Quad, in the NW  $\frac{1}{4}$  of Sec. 19, T. 19 N., R. 5 E., 2<sup>nd</sup> P.M.; about 2.5 miles south of Cicero; near the intersection of State Road 19, and East 206<sup>th</sup> Street; set in the south side of utility pole #185-872, 610.0 feet east of the centerline of State Road 19, 16.8 feet south of the centerline of East 206<sup>th</sup> Street, 26.4 feet east of the centerline of a driveway to a house, 0.7 foot above the ground; a boat spike.

801.069 feet NGVD 1929

DNR BM HAM 4 RESET 1987

In Hamilton County, McCordsville Quad., in the SW  $\frac{1}{4}$  of Section 6, T. 18 N., R. 6 E., 2<sup>nd</sup> P.M.; about 3.5 miles northeast of McCordsville; about 1.5 miles north along 400 West Road from its intersection with State Road 67 to East 104<sup>th</sup> street, thence east about 0.5 mile to Florida Road, thence north about 0.3 mile to a concrete culvert under Florida Road; set in the north end of the west headwall of the culvert, 16 feet west of the centerline of Florida Road, about 1 foot below the road; a Indiana Department of Natural Resources control station tablet, stamped "HAM 4 RESET 1987".

791.491 Feet NGVD 1929

DNR BM HAM 60, 1989

In Hamilton County, Carmel Quad., in the SW  $\frac{1}{4}$  of Section 23, T. 18 N., R. 3 E., 2<sup>nd</sup> P.M.; about 0.5 mile west of Carmel; at the West 136<sup>th</sup> Street bridge over Williams Creek; set on top of the northeast concrete wingwall of the bridge. 14.4 feet north of the centerline of West 136<sup>th</sup> Street, 0.6 foot southeast of the northwest face of the wingwall, 0.7 foot below the road; a Indiana Department of Natural Resources control station tablet, stamped "HAM 60 1989".

870.510 feet NGVD 1929

2<sup>nd</sup> Order

DNR BM HAM 61, 1989

In Hamilton County, Carmel Quad., in the NW  $\frac{1}{4}$  of Section 26, T. 18 N., R. 3 E., 2<sup>nd</sup> P.M.; about 0.5 mile west of Carmel; at the Spring Mill Road bridge over Williams Creek; set on top of the southeast concrete wingwall of the bridge, 14 feet east of the centerline of Spring Mill Road, 0.6 foot southwest of the northeast face of the wingwall, 0.3 foot below the road; a Indiana Department of Natural Resources control station tablet, stamped "HAM 61 1989".

864.794 feet NGVD 1929                      2<sup>nd</sup> Order

DNR BM HAM 62, 1989

In Hamilton County, Carmel Quad., in the NE  $\frac{1}{4}$  of Section 27, T. 18 N., R. 3 E., 2<sup>nd</sup> P.M.; about 0.5 mile west of Carmel; at the West 131<sup>st</sup> Street bridge over Williams Creek; set on top of the northeast concrete wingwall of the bridge, 13.5 feet north of the centerline of West 131<sup>st</sup> Street, 1.1 feet southwest of the northeast end of the wingwall, about level with the road; a Indiana Department of Natural Resources control station tablet, stamped "HAM 62 1989".

861.783 feet NGVD 1929                      2<sup>nd</sup> Order

DNR BM HAM 63 1989

In Hamilton County, Carmel Quad., in the NW  $\frac{1}{4}$  of Section 35, T. 18 N., R. 3 E., 2<sup>nd</sup> P.M.; about 0.5 mile west of Carmel; at the Spring Mill Road bridge over Williams Creek; set on top of the north end of the east concrete headwall of the bridge, 10.5 feet east of the centerline of Spring Mill Road, 1.4 feet above the road, 1.0 foot south of the north end of the headwall; a Indiana Department of Natural Resources control station tablet, stamped "HAM 63 1989"

855.266 feet NGVD 1929                      2<sup>nd</sup> Order

DNR BM (Not Stamped)

In Hamilton County, Carmel Quad., in the South  $\frac{1}{2}$  of Section 34, T. 18 N., R. 3 E., 2<sup>nd</sup> P.M.; about 1.0 mile southwest of Carmel; at the West 116<sup>th</sup> Street bridge over Williams Creek; set on top of the east concrete bridge approach, 20.2 feet west of the east end of the concrete bridge approach, 16 feet north of the centerline of West 116<sup>th</sup> Street, 1.5 feet east of the expansion joint, about level with the road; a Indiana Department of Natural Resources control station tablet, stamped (Not Stamped).

838.750 feet NGVD 1929                      2<sup>nd</sup> Order

DNR BM HAM 64, 1989

In Hamilton County, Carmel Quad., in the South  $\frac{1}{2}$  of Section 34, T. 18 N., R. 3 E., 2<sup>nd</sup> P.M.; about 1.0 mile southwest of Carmel; at the West 116<sup>th</sup> Street bridge over Williams Creek; set on top of the southwest concrete wingwall of the bridge, 18 feet south of the centerline of West 116<sup>th</sup> Street, 2.0 feet east of the west end of the wingwall, about 0.3 foot below the bridge floor; a Indiana Department of Natural Resources control station tablet, stamped "HAM 64 1989".

834.677 feet NGVD 1929                      2<sup>nd</sup> Order

DNR TBM WC 4, 1989

In Hamilton County, Carmel Quad., in the Center of Section 3, T. 17 N., R. 3 E., 2<sup>nd</sup> P.M.; about 1.5 miles southwest of Carmel; about 0.5 mile north along Estancia Way from its intersection with West 106<sup>th</sup> Street; set in the southwest side of utility pole # 50-104-B, 17.7 feet east of the centerline of Estancia Way, about 1 foot above the ground; a railroad spike.

853.130 feet NGVD 1929                      2<sup>nd</sup> Order

DNR BM HAM 65, 1989

In Hamilton County, Carmel Quad., in the NE  $\frac{1}{4}$  of Section 10, T. 17 N., R. 3 E., 2<sup>nd</sup> P.M.; about 2.0 miles southwest of Carmel; at the West 106<sup>th</sup> Street bridge over Williams Creek; set on top of the southwest concrete wingwall of the bridge, 16.5 feet south of the centerline of West 106<sup>th</sup> Street, 2.5 feet north of the south end of the wingwall, about level with the bridge floor; a Indiana Department of Natural Resources control station tablet, stamped "HAM 65 1989".

821.461 feet NGVD 1929                      2<sup>nd</sup> Order

ISHC BM G 42

In Hamilton County, Carmel Quad., in the SW  $\frac{1}{4}$  of Section 11, T. 17 N., R. 3 E., 2<sup>nd</sup> P.M.; about 0.2 mile north of Indianapolis; at the Spring Mill Road bridge over I 465; set in the southeast corner of the bridge, in the curbing; a Indiana State Highway Commission Bench Mark tablet stamped "G42".

839.398 feet NGVD 1929                      2<sup>nd</sup> Order

ISHC BM HAM C 44

In Hamilton County, Carmel Quad., in the SE  $\frac{1}{4}$  of Section 10, T. 17 N., R. 3 E., 2<sup>nd</sup> P.M.; about 0.2 mile north of Indianapolis; at the west bound I 465 bridge over Williams Creek; set in top the of the northwest concrete headwall, 13.8 feet north of the north edge of the road, 1.6 feet west of the east end of the headwall, about 0.7 foot above the road; a Indiana State Highway Commission Bench Mark tablet stamped "HAM C44".

809.083 feet NGVD 1929                      2<sup>nd</sup> Order



USGS BM 93 RHP 1951

In Hamilton County, Carmel Quad., in the NE  $\frac{1}{4}$  of Section 21, T. 18 N., R. 3 E., 2<sup>nd</sup> P.M.; about 1.5 miles northwest of Carmel; at the intersection of West 146<sup>th</sup> Street and Ditch Road, in the southwest  $\frac{1}{4}$  of the intersection; set in the top of a concrete post, 23 feet west of the centerline of Ditch Road, 16 feet south of the centerline of West 146<sup>th</sup> Street, 6 feet southwest of a power pole, 4 feet west of the northeast corner of a fence post; a U.S. Geological Survey benchmark tablet, stamped "93 RHP 1951 903".

903.208 feet NGVD 1929                      2<sup>nd</sup> Order

DNR TBM WC 3, 1989

In Hamilton County, Carmel Quad., in the NW  $\frac{1}{4}$  of Section 3, T. 18 N., R. 3 E., 2<sup>nd</sup> P.M.; about 0.5 mile southwest of Carmel; near the Spring Mill Road cmp culvert for Williams Creek; set in the south side of utility pole # 12301, 128 feet north of the CMP under Spring Mill Road, 23.5 feet east of the centerline of Spring Mill Road, about 1.5 feet above the ground; a railroad spike.

846.739 feet NGVD 1929                      2<sup>nd</sup> Order

DNR BM HAM 66, 1989

In Hamilton County, Carmel Quad., in the SE  $\frac{1}{4}$  of Section 10, T. 17 N., R. 3 E., 2<sup>nd</sup> P.M.; about 2.0 mile southwest of Carmel; at the West 96<sup>th</sup> Street (Hamilton--Marion County Line) bridge over Williams Creek; set on top of the northeast concrete guardrail of the bridge, 16 feet north of the centerline of West 96<sup>th</sup> Street, 2.7 feet above the sidewalk; a Indiana Department of Natural Resources control station tablet, stamped "HAM 66 1989".

805.471 feet NGVD 1929                      2<sup>nd</sup> Order

DNR TBM WC 1, 1989

In Hamilton County, Carmel Quad., in the NE  $\frac{1}{4}$  of Section 22, T. 18 N., R. 3 E., 2<sup>nd</sup> P.M.; about 0.5 mile southwest of Carmel; about 0.4 mile west along West 146<sup>th</sup> Street from its intersection with Spring Mill Road; set in the northwest side of utility pole Nipsco # 60-601-15, 13.5 feet south of the centerline of West 146<sup>th</sup> Street, 58 feet west of the centerline of Williams Creek, 2 feet north of an east west fence line, about 1 foot above the ground; a railroad spike.

889.038 feet NGVD 1929                      2<sup>nd</sup> Order

DNR TBM WC 2, 1989

In Hamilton County, Carmel Quad., in the SW  $\frac{1}{4}$  of Section 23, T. 18 N., R. 3 E., 2<sup>nd</sup> P.M.; about 0.3 mile southwest of Carmel; at the Spring Mill Road crossing over Williams Creek; set in the north side of utility pole # 838-7503, 24.5 feet east of the centerline of Spring Mill Road, 95 feet north of the CMP for Williams Creek, 2.5 feet west of a fence line, about 0.8 foot above the ground; a railroad spike.

872.328 feet NGVD 1929                      2<sup>nd</sup> Order

Quarter Corner Monument

In Hamilton County, Carmel Quad., sections 3 & 10, T.17 N., R. 3 E., 2<sup>nd</sup> P.M.; about 1.5 mile southwest of Carmel; at the intersection of West 106<sup>th</sup> Street and Estancia Way; set in the centerline of West 106<sup>th</sup> Street, 25 feet east of the centerline of Estancia Way; a bronze tablet stamped "Quarter Corner".

845.063 feet NGVD 1929                      2<sup>nd</sup> Order

DNR TBM Pivot Point # 2, 1989

In Hamilton County, Carmel Quad., in the NE  $\frac{1}{4}$  of Section 3, T.17 N., R. 3 E., 2<sup>nd</sup> P.M.; about 0.5 mile southwest of Carmel; at the intersection of West 116<sup>th</sup> Street and Spring Mill Road in the southwest  $\frac{1}{4}$  of the intersection; set in the northwest side of utility pole # 28/105B, 151 feet west of the centerline of Spring Mill Road, 16 feet south of the centerline of West 116<sup>th</sup> Street, about 1.1 feet above the ground; a railroad spike.

852.253 feet NGVD 1929                      2<sup>nd</sup> Order

DNR TBM Pivot Point # 3, 1989

In Hamilton County, Carmel Quad., in the SW  $\frac{1}{4}$  of Section 2, T.17 N., R. 3 E., 2<sup>nd</sup> P.M.; about 1.0 mile southwest of Carmel; at the intersection of West 106<sup>th</sup> Street and Spring Mill Road, in the northeast  $\frac{1}{4}$  of the intersection; set in the northwest side of utility pole # 80 135A, 25 feet east of the centerline of Spring Mill Road, 20 feet north of the centerline of West 106<sup>th</sup> Street, about 1 foot above the ground; a railroad spike.

818.824 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM FC 11, 1959

In Hamilton County, McCordsville Quad., in the NE  $\frac{1}{4}$  of Sec. 10, T. 17 N., R. 5 E., 2<sup>nd</sup> P.M.; about 3 miles northwest of McCordsville; 2.2 miles north along 600 West Road (Oil Well Road) from its intersection with State Road 67 in McCordsville to the Hamilton and Hancock County Line Road, thence 0.9 mile west along County Line Road to a north south "T"-road, thence 1 mile generally northwest and across Geist Reservoir to a "T"-Road north,

thence 0.3 mile north; set in a telephone pole, 14 feet west from the centerline of the road, 1 foot above the ground; a railroad spike driven through an aluminum tag stamped "TBM FC 11 1959".

829.834 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM FC 12, 1959

In Hamilton County, McCordsville Quad., in the NE  $\frac{1}{4}$  of Sec. 10, T. 17 N., R. 5 E., 2<sup>nd</sup> P.M.; about 4 miles northwest of McCordsville; 2.2 miles north along 600 West Road (Oil Well Road) from its intersection with State Road 67 in McCordsville to the Hamilton and Hancock County Line Road, thence 0.9 mile west along County Line Road to a north south "T"-road, thence 1 mile generally northwest and across Geist Reservoir to a "T"-Road north, thence 1.05 miles generally north to a 2 foot pipe culvert under the road; set in the top of the north end of the west headwall, 12 feet west of the centerline of the road, 1.5 feet above the ground; a chiseled square.

811.431 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC BM HAM 2, 1956

In Hamilton County, McCordsville Quad., in the SE  $\frac{1}{4}$  of Sec. 10, T. 17 N., R. 5 E., 2<sup>nd</sup> P.M.; about 2.4 miles northwest of McCordsville; 2.2 miles north along 600 West Road (Oil Well Road) from its intersection with State Road 67 in McCordsville to the Hamilton and Hancock County Line Road, thence 0.9 mile west along County Line Road to a north south "T"-road, thence 0.35 mile north and northwest to a four span concrete bridge over Geist Reservoir; set in the top of the northeast end of the northwest abutment of the bridge, 19 feet northeast of the centerline of the road, 1.3 feet east of the north corner of the bridge, 0.6 foot above the road; a Indiana Flood Control and Water Resources Commission benchmark tablet, stamped "HAM 2 1956".

798.214 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM FC 13, 1959

In Hamilton County, McCordsville Quad., in the NW  $\frac{1}{4}$  of Sec. 2, T. 17 N., R. 5 E., 2<sup>nd</sup> P.M.; about 4 miles north-northwest of McCordsville; 0.25 miles east along 116<sup>th</sup> Street from its intersection with Brooks School Avenue; set in power pole # 55-503, 98 feet west of a mail box (Everette L. Clark), 22 feet south of the centerline of 116<sup>th</sup> Street, 1.5 feet above the ground; a railroad spike driven through an aluminum tag, stamped "TBM FC 13 1959".

832.607 feet NGVD 1929                      2<sup>nd</sup> Order

USGS BM 104 RHP 1951

In Hamilton County, McCordsville Quad., in the NW  $\frac{1}{4}$  of Sec. 12, T. 17 N., R. 5 E., 2<sup>nd</sup> P.M.; about 2.75 miles north of McCordsville; at the "T"-road intersection of East 104<sup>th</sup> Street and Olio Road; set in top of a concrete post, 27 feet south of East 104<sup>th</sup> Street, 16 feet east of Olio Road, about

0.6 foot above the road, about 0.6 foot above the ground; a U.S. Geological Survey bench mark tablet, stamped "104 RHP 1951".  
831.226 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC BM HAM 3, 1956

In Hamilton County, McCordsville Quad., in the NW  $\frac{1}{4}$  of Sec. 1, T. 17 N., R. 5 E., 2<sup>nd</sup> P.M.; about 3.6 miles north of McCordsville; at the Olio Road concrete bridge over Geist Reservoir; set in top of the west end of the south abutment, 18 feet west of the centerline of the road, 1.1 feet northwest of the south end of the west concrete guardrail, 0.6 foot above the road; a Indiana Flood Control and Water Resources Commission benchmark tablet, stamped "HAM 3 1956".  
799.788 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM FC 7, 1959

In Hamilton County, McCordsville Quad., in the NW  $\frac{1}{4}$  of Sec. 1, T. 17 N., R. 5 E., 2<sup>nd</sup> P.M.; about 3.6 miles north of McCordsville; at the Olio Road concrete bridge over Geist Reservoir; set in top of the east end of the north abutment, 18 feet west of the centerline of the road, 1.5 feet southwest of the north end of the west concrete guardrail, 0.6 foot above the road; a chiseled square.  
799.730 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM FC 14, 1959

In Hamilton County, McCordsville Quad., in the SW  $\frac{1}{4}$  of Sec. 36, T. 18 N., R. 5 E., 2<sup>nd</sup> P.M.; about 4.3 miles north of McCordsville; at the intersection of Olio Road and 116<sup>th</sup> Street, in the northeast  $\frac{1}{4}$  of the intersection; set in a power pole, 57 feet east of the centerline of Olio Road, 15 feet north of the centerline of 116<sup>th</sup> Street, 1.3 feet above the ground; a railroad spike driven through an aluminum tag, stamped "TBM FC 14".  
839.033 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM FC 15, 1959

In Hamilton County, McCordsville Quad., in the NE  $\frac{1}{4}$  of Sec. 12, T. 17 N., R. 5 E., 2<sup>nd</sup> P.M.; about 3.7 miles northeast of McCordsville; 0.75 mile east along East 104<sup>th</sup> Street from its intersection with Olio Road to a 4 foot box culvert under the road; set in top of the west end of the north headwall of the culvert. 10 feet north of the centerline of the road, 8 feet east of a 10 inch Maple tree, 2 feet above the ground; a chiseled square.

846.136 feet NGVD 1929

2<sup>nd</sup> Order

IFC&WRC TBM FC 16, 1959

In Hamilton County, McCordsville Quad., in the North  $\frac{1}{2}$  of Sec. 7, T. 17 N., R. 6 E., 2<sup>nd</sup> P.M.; about 3.8 miles northeast of McCordsville; at the "T"-road intersection of 104<sup>th</sup> Street and Florida Road; set in a power pole, 14 feet south of the centerline of 104<sup>th</sup> Street, and on the extended centerline of Florida Road, 0.6 foot above the ground; a railroad spike driven through an aluminum tag, stamped "TBM FC 16".

854.992 feet NGVD 1929

2<sup>nd</sup> Order

IFC&WRC BM HAM 4, 1956

In Hamilton County, McCordsville Quad., in the SW  $\frac{1}{4}$  of Sec. 6, T. 17 N., R. 6 E., 2<sup>nd</sup> P.M.; at Luxhaven; at the Florida Road one span steel truss bridge over Fall Creek; set in the top of the southwest bridge seat, 11 feet west of the centerline of the road, 1.1 feet south of the north face of the south abutment, 1.7 feet below the road; a Indiana Flood Control and Water Resources Commission benchmark tablet, stamped "HAM 4 1956".

793.159 feet NGVD 1929

2<sup>nd</sup> Order

IFC&WRC TBM FC 17, 1959

In Hamilton County, McCordsville Quad., in the NE  $\frac{1}{4}$  of Sec. 6, T. 17 N., R. 6 E., 2<sup>nd</sup> P.M.; about 3.8 miles northeast of McCordsville; 0.05 mile east along 113<sup>th</sup> Street from its intersection with Florida Road to a 3 foot box culvert under the road; 18 feet north of the centerline of 113<sup>th</sup> Street, 12 east of a telephone pole, 1 foot above the ground, about level with the road; a chiseled square.

818.549 feet NGVD 1929

2<sup>nd</sup> Order

IFC&WRC TBM FC 3, 1959

In Hamilton County, McCordsville Quad., in the NW  $\frac{1}{4}$  of Sec. 5, T. 17 N., R. 6 E., 2<sup>nd</sup> P.M.; about 4.0 miles northeast of McCordsville; 2.0 miles generally north-west along State Road 238 from its junction with State Road 13 in Fortville, to a right angle turn north and a paved road west (113<sup>th</sup> Street), thence 0.45 mile west along 113<sup>th</sup> Street to a dirt road leading to Fall Creek (road has a gate across it); set in the northwest side of a 24 inch Fir tree, 100 feet east of the extended centerline of the dirt road, 44 feet north of the paved road, 0.3 foot above the ground;

a railroad spike driven vertically through a brass plate stamped "TBM FC 3".

801.600 feet NGVD 1929                      2<sup>nd</sup> Order

USGS BM RM 4

In Hamilton County, Ingalls Quad., in the NE  $\frac{1}{4}$  of Sec. 5, T. 17 N., R. 6 E., 2<sup>nd</sup> P.M.; about 1.7 miles northwest of Fortville; at the State Road 238 bridge one span steel truss bridge over Fall Creek; set in top of the east end of the north abutment of the bridge, 11 feet east of the centerline of the road, 3 feet southeast of the northeast corner of the east steel truss; a chiseled square.

801.411 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC BM HAM 5, 1956

In Hamilton County, Ingalls Quad., in the NE  $\frac{1}{4}$  of Sec. 5, T. 17 N., R. 6 E., 2<sup>nd</sup> P.M.; about 1.7 miles northwest of Fortville; at the State Road 238 bridge one span steel truss bridge over Fall Creek; Set in the top of a concrete post, 30 feet southeast of the southeast corner of the east steel truss, 16 feet east of the centerline of the road, about level with the road, projecting 0.4 foot above the ground; a Indiana Flood Control and Water Resources Commission benchmark tablet, stamped "HAM 5 1956".

801.081 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM FC 18, 1959

In Hamilton County, Ingalls Quad., in the SE  $\frac{1}{4}$  of Sec. 32, T. 18 N., R. 6 E., 2<sup>nd</sup> P.M.; about 1.9 miles northwest of Fortville; 1.75 miles generally north-west along State Road 238 from its junction with State Road 13 in Fortville, to a "T"-road north, thence 0.5 mile north to a right angle turn east, thence 0.3 mile east to a north-south "T"-road (Hamilton-Madison County Line Road); set in the west side of a power pole, 23 feet west of the centerline of the north-south road (Hamilton-Madison County Line Road), 23 feet south of the centerline of the road leading west, 1.3 feet above the ground; a railroad spike driven through an aluminum tag, stamped "TBM FC 18".

861.431 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC BM HAM 1, 1954

In Hamilton County, Fishers Quad., in the NE  $\frac{1}{4}$  of Sec. 9, T. 17 N., R. 4 E., 2<sup>nd</sup> P.M.; about 2.1 miles north of Allisonville; 0.6 mile north along the North River Road from its junction with 96<sup>th</sup> Street (Hamilton-Marion County Line Road), thence 0.2 mile east along a farm lane at the residence of "Harry LaSalle"; set in the top of a concrete post projecting 0.1 foot above the ground, 85 feet southeast of the southeast corner of the front porch of the house, 45 feet west of the west side of White River, 3.5 feet west of a fence corner post, 0.8 foot south of the fence line; a Indiana

Flood Control and Water Resources Commission benchmark tablet, stamped "HAM 1 1954".

733.253 feet NGVD 1929                      2<sup>nd</sup> Order    (Destroyed)

IFC&WRC TBM W 61, 1959

In Hamilton County, Fishers Quad., in the NE ¼ of Sec. 9, T. 17 N., R. 4 E., 2<sup>nd</sup> P.M.; about 2.1 miles north of Allisonville; 0.6 mile north along the North River Road from its junction with 96<sup>th</sup> Street (Hamilton-Marion County Line Road), thence 0.2 mile east along a farm lane at the residence of "Harry LaSalle"; set in the top of the concrete base of an abandoned well, 14 .5 feet northeast of the northwest corner of the house, 11 feet north of the north side of the house, 1.9 feet above the ground, 1 foot south of the north edge of the west side of the concrete base, 0.5 foot east of the west side of the concrete base of an abandoned well; a chiseled triangle.

745.361 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM CC 1, 1959

In Hamilton County, Fishers Quad., in the SE ¼ of Sec. 4, T. 17 N., R. 4 E., 2<sup>nd</sup> P.M.; about 1.5 miles southeast of Carmel; in the northeast ¼ of the intersection of 106<sup>th</sup> Street and North River Road (River Avenue); set in power pole # 45, 17 feet east of the centerline of North River Road, 14 feet north of the centerline of 106<sup>th</sup> Street, about 1 foot above the ground; a railroad spike driven through an aluminum tag, stamped "TBM CC 1 1959".

748.820 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM WR 202, 1959

In Hamilton County, Fishers Quad., in the SE ¼ of Sec. 4, T. 17 N., R. 4 E., 2<sup>nd</sup> P.M.; about 1.5 miles southeast of Carmel; 0.75 mile south along River Avenue from its intersection with East 116<sup>th</sup> Street to a bend in the road southwest; set in telephone pole # 9-145 A, 100 feet southwest of a bend in the road (southwest), 12 feet east of the centerline of the road, about 1.5 feet above the ground; a railroad spike driven through an aluminum tag, stamped "TBM WR 202 1959".

747.721 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC BM HAM 6, 1959                      DESTROYED

In Hamilton County, Fishers Quad., in the NE ¼ of Sec. 4, T. 17 N., R. 4 E., 2<sup>nd</sup> P.M.; about 1.0 mile southeast of Carmel; at the River Avenue concrete bridge over Cool Creek; set in the top at the south end of the east handrail, 8 feet east of the centerline of the road, 3 feet above the

road, 1 foot north of the south end of the east hand rail; a Indiana Flood Control and Water Resources Commission benchmark tablet, stamped "HAM 6 1959".

739.820 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC BM HAM 7, 1959                      DESTROYED

In Hamilton County, Fishers Quad., in the NW ¼ of Sec. 4, T. 17 N., R. 4 E., 2<sup>nd</sup> P.M.; about 1.0 mile southeast of Carmel; at the East 116<sup>th</sup> Street concrete bridge over Cool Creek; set in the top at the west end of the south handrail, 14 feet south of the centerline of the road, 3 feet above the road; a Indiana Flood Control and Water Resources Commission benchmark tablet, stamped "HAM 7 1959".

751.654 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM CC 2, 1959

In Hamilton County, Fishers Quad., in the SE ¼ of Sec. 32, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; at Carmel; at the Hinkle Road mid-truss steel bridge over Cool Creek; set in the top of the south end of the west truss, 8 feet west of the centerline of the road, 0.1 foot north of the south end of the west truss; the east rivet head of two rivets at the south end of the truss.

756.406 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM CC 3, 1959

In Hamilton County, Fishers Quad., in the NE ¼ of Sec. 32, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; at Carmel; about 0.25 miles south along Hinkle Road from its intersection with East 126<sup>th</sup> Street to a farm lane leading west; set in power pole # 59-850, 45 feet north of the centerline of the farm lane, 18 feet west of the centerline of the road, about 1 foot above the ground; a railroad spike driven through an aluminum tag, stamped "TBM CC 3 1959".

786.646 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM CC 4, 1959                      DESTROYED

In Hamilton County, Fishers Quad., in the SE ¼ of Sec. 29, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; at Carmel; at the East 126<sup>th</sup> Street bridge over Cool Creek; set in the top at the east end of the north guardrail, 9 feet north of the centerline of the road, 3 feet above the road; a chiseled triangle.

780.276 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC BM HAM 8, 1959                      DESTROYED

In Hamilton County, Fishers Quad., in the NE ¼ of Sec. 32, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; at Carmel; at the East 126<sup>th</sup> Street bridge over Cool Creek;



set in the top at the west end of the south guardrail, 9 feet south of the centerline of the road, 3 feet above the road; a Indiana Flood Control and Water Resources Commission benchmark tablet, stamped "HAM 8 1959".

780.263 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC BM HAM 9, 1959

In Hamilton County, Fishers Quad., in the SW ¼ of Sec. 29, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; at Carmel; 1.15 miles east along State Road 234 from its intersection with State Road 431 in Carmel to a "T"-road south, thence 0.20 mile south along a winding road to a steel truss bridge over Cool Creek; set in top of the northwest wingwall of the bridge, 20 feet west of the centerline of the road, 4 feet northwest of the southeast end of the northwest wingwall; a Indiana Flood Control and Water Resources Commission benchmark tablet, stamped "HAM 9 1959".

780.642 feet NGVD 1929                      2<sup>nd</sup> Order

IDOT BM HAM G-23

In Hamilton County, Fishers Quad., in the NW ¼ of Sec. 29, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; at Carmel; at the East 131<sup>st</sup> Street arch bridge over Cool Creek; set in the top of the northwest wingwall of bridge. 25 feet north of the centerline of East 131<sup>st</sup> Street, about 1 foot below the road; a Indiana State Highway Commission benchmark tablet, stamped "HAM G-23".

794.868 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM CC 5 1959

In Hamilton County, Fishers Quad., in the SW ¼ of Sec. 30, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; at Carmel; 0.25 mile east along East 131<sup>st</sup> Street from its intersection with State Road 431 to 5<sup>th</sup> Avenue, at the Carmel High School, in the northwest ¼ of the intersection; set in power pole # 182-63, 39 feet north of the centerline of East 131<sup>st</sup> Street, 30 feet west of the centerline of 5<sup>th</sup> Avenue, 14 feet east of a fire hydrant, about 1 foot above the ground; a railroad spike driven through an aluminum tag, stamped "TBM CC 5 1959".

855.015 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC BM HAM 10, 1959                      DESTROYED

In Hamilton County, Fishers Quad., in the SW ¼ of Sec. 19, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; at Carmel; at the 136<sup>th</sup> Street truss bridge over Cool Creek; set in the top of the northeast wingwall, 10 feet north of the centerline of the road, 1.5 feet southwest of the northeast end of the wingwall,

level with the road; a Indiana Flood Control and Water Resources  
Commission benchmark tablet, stamped "HAM 10 1959".  
805.453 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM CC 6, 1959

In Hamilton County, Carmel Quad., in the NW  $\frac{1}{4}$  of Sec. 30, T. 18 N., R. 4  
E., 2<sup>nd</sup> P.M.; at Carmel; at Carmel; in the southwest  $\frac{1}{4}$  of the intersection  
of N.E. First Avenue (Smoky Row Road) and 8<sup>th</sup> Street N. E. (136<sup>th</sup> Street);  
set in a power pole, 19 feet south of the centerline of 8<sup>th</sup> Street N. E.  
(136<sup>th</sup> Street), 18 feet west of the centerline of N.E. First Avenue (Smokey  
Row Road), about 1 foot above the ground; a railroad spike driven through  
an aluminum tag, stamped "TBM CC 6 1959".  
830.433 feet NGVD 1929                      2<sup>nd</sup> Order

USC&GS BM W 42, 1934

In Hamilton County, Carmel Quad., in the NE  $\frac{1}{4}$  of Sec. 25, T. 18 N., R. 3  
E., 2<sup>nd</sup> P.M.; at Carmel; in the southwest  $\frac{1}{4}$  of the intersection of the  
Louisville and Nashville Railroad and 136<sup>th</sup> Street (Smokey Row Road); set  
in top of a concrete post, 8 yards west of the west rail, 6 yards south of  
the centerline of the road, about 2.5 feet below the tracks, projecting 1  
foot above the ground; a U.S. Coast and Geodetic Survey benchmark tablet,  
stamped "W 42 1934".  
819.260 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM CC 8, 1959

In Hamilton County, Fishers Quad., in the NW  $\frac{1}{4}$  of Sec. 19, T. 18 N., R. 4  
E., 2<sup>nd</sup> P.M.; about 1.2 miles north of Carmel; 1.2 miles north along State  
Road 431 from its intersection with East 131<sup>st</sup> Street, to a private drive  
leading east to the Fenwald residence; thence 0.3 mile east along the  
private drive to a bridge over Cool Creek, near the northwest corner of  
the bridge; set in the west side of a Box Elder tree, 10 feet north of the  
centerline of the road, about 1 foot above the ground; a railroad spike  
driven through an aluminum tag, stamped "TBM CC 8 1959".  
810.180 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM CC 7, 1959

In Hamilton County, Carmel Quad., in the NE  $\frac{1}{4}$  of Sec. 25, T. 18 N., R. 3 E., 2<sup>nd</sup> P.M.; at Carmel; 1.2 miles north along State Road 431 from its intersection with East 131<sup>st</sup> Street, to a private drive leading east to the Fenwald residence, in the southeast  $\frac{1}{4}$  of the intersection; set in the top of the south end of a culvert, 27 feet east of the centerline of State Road 431, 9 feet south of the centerline private drive; a chiseled square. 830.786 feet NGVD 1929 2<sup>nd</sup> Order

USGS BM TT 3 JMH RESET 1955

In Hamilton County, Carmel Quad., in the NE  $\frac{1}{4}$  of Sec. 24, T. 18 N., R. 3 E., 2<sup>nd</sup> P.M.; at Carmel; at the intersection of U.S. 31 and Gray Road (West 146<sup>th</sup> Street), in the southwest  $\frac{1}{4}$  of the intersection; set in top of a concrete post, 90 feet west of the south bound lane of U. S. 31, 35 feet south of the centerline of Gray Road, 2 feet from a fence line, 0.5 foot above the ground; a U.S. Geological Survey benchmark tablet, stamped "TT 3 JMH 1951 RESET 1955". 832.684 feet NGVD 1929 2<sup>nd</sup> Order

IFC&WRC BM HAM 11, 1959

In Hamilton County, Noblesville Quad., in the SE  $\frac{1}{4}$  of Sec. 18, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; about 2.5 miles south of Westfield; at the Gray Road (East 146<sup>th</sup> Street) bridge over Cool Creek; set in top of the northwest wingwall of the bridge, 16 feet north of the centerline of Gray Road, 3 feet above the ground; a Indiana Flood Control and Water Resources Commission benchmark tablet, stamped "HAM 11 1959". 821.662 feet NGVD 1929 2<sup>nd</sup> Order

IFC&WRC TBM CC 9, 1959

In Hamilton County, Noblesville Quad., in the SE  $\frac{1}{4}$  of Sec. 18, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; about 2.5 miles south of Westfield; at the Gray Road (East 146<sup>th</sup> Street) bridge over Cool Creek, near the northeast corner of the bridge; set in a 24 inch tree, 100 feet east of the bridge, 22 feet north of the centerline of Gray Road, about 1.5 feet above the road; a railroad spike driven through an aluminum tag, stamped "TBM CC 9 1959". 818.354 feet NGVD 1929 2<sup>nd</sup> Order

IFC&WRC TBM CC 10, 1959

In Hamilton County, Noblesville Quad., in the SE  $\frac{1}{4}$  of Sec. 18, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; about 2.5 miles south of Westfield; 0.2 mile north along Grassy Branch Road from its intersection with East 146<sup>th</sup> Street to a 4 foot box culvert under the road; set in top of the north end of the west concrete headwall of the culvert, 12 feet west of the centerline of the road, 0.8 foot south of the north end of the west headwall, about 1.2 feet above the road; a chiseled triangle. 838.069 feet NGVD 1929 2<sup>nd</sup> Order

IFC&WRC BM HAM 12, 1959

In Hamilton County, Noblesville Quad., in the SE  $\frac{1}{4}$  of Sec. 18, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; about 2.0 miles south of Westfield; at the East 151<sup>st</sup> Street 30 foot concrete bridge over Cool Creek; set in top of the east end of the south guardrail, 9 feet south of the centerline of the road, 0.9 foot west of the east face of the south guardrail, about 2.1 foot above the road; a Indiana Flood Control and Water Resources Commission benchmark tablet, stamped "HAM 12 1959",  
825.083 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM CC 11, 1959

In Hamilton County, Noblesville Quad., in the SE  $\frac{1}{4}$  of Sec. 18, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; about 2.0 miles south of Westfield; at the intersection of East 151<sup>st</sup> Street and Oak Road; about 250 feet north along Oak Road to a 12 inch Elm tree; set in east side of the Elm tree, 15 feet east of the centerline of the road, 13.6 feet north of a mailbox (D. O. Thompson), about 1 foot above the ground; a railroad spike driven through an aluminum tag, stamped "TBM CC 11 1959".  
825.383 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC BM HAM 13, 1959

In Hamilton County, Noblesville Quad., in the SE  $\frac{1}{4}$  of Sec. 18, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; about 2.0 miles south of Westfield; at the Oak Road one span concrete arch bridge over Cool Creek; set in top of the south end of the east guardrail, 10 feet east of the centerline of the road, 6.7 feet north of the south face of the east guardrail, about 3.4 feet above the road; a Indiana Flood Control and Water Resources Commission benchmark tablet, stamped "HAM 13 1959".  
829.200 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM CC 12, 1959

In Hamilton County, Westfield Quad., in the East  $\frac{1}{2}$  of Sec. 13, T. 18 N., R. 3 E., 2<sup>nd</sup> P.M.; about 2.5 miles south of Westfield; about 150 feet north along U.S. 31 from its intersection with a "T"-road east (150<sup>th</sup> street) to a paved driveway leading east; set in the top of the south headwall of a one foot pipe culvert under the driveway, 29 feet east of the centerline of northbound U. S. 31, 20 feet south of the centerline of the driveway, 1.8 feet east of the west face of the south headwall; a chiseled triangle.  
856.451 feet NGVD 1929                      2<sup>nd</sup> Order

IDOT BM HAM G 10

In Hamilton County, Westfield Quad., in the NE  $\frac{1}{4}$  of Sec. 13, T. 18 N., R. 3 E., 2<sup>nd</sup> P.M.; about 2.0 miles south of Westfield; 2 miles south along U.S. 31 from its intersection with State Road 32 to a bridge over a

tributary to Cool Creek; set in top of the southwest wingwall of the bridge, 29 feet west of the centerline of the road, 0.7 foot west of the west face of the west headwall of bridge, about 2.5 feet below the road; a Indiana State Highway Commission benchmark tablet, stamped "HAM G 10".  
847.087 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM CC 13, 1959

In Hamilton County, Westfield Quad., in the NW  $\frac{1}{4}$  of Sec. 18, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; about 2.0 miles south of Westfield; about 2 miles south along (old) U.S. 31 from its intersection with State Road 32 in Westfield, to a bridge over a tributary to Cool Creek; set in the top of the west concrete guardrail of the bridge, 13 feet west of the centerline of the road, 11.9 feet south of the north face of the west guardrail of the bridge, about 3.3 feet above the road; a chiseled triangle.  
841.144 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC BM HAM 14, 1959

In Hamilton County, Westfield Quad., in the SW  $\frac{1}{4}$  of Sec. 7, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; about 1.9 miles south of Westfield; at the (old) U.S. 31 bridge (south most of two) over Cool Creek; set in top of the southeast concrete wingwall of the bridge, 15 feet east of the centerline of the road, 4.2 feet southeast of the south face of the east guardrail of the bridge, about 0.4 foot above the road; a Indiana Flood Control and Water Resources Commission benchmark tablet, stamped "HAM 14 1959".  
837.144 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC BM HAM 15, 1959

In Hamilton County, Westfield Quad., in the SW  $\frac{1}{4}$  of Sec. 7, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; about 1.6 miles south of Westfield; at the (old) U.S. 31 bridge (north most of two) over Cool Creek; set in the top of the east concrete guardrail of the bridge, 15 feet east of the centerline of the road, 17.8 feet north of the south face of the east guardrail of the bridge, about 3.0 feet above the road; a Indiana Flood Control and Water Resources Commission benchmark tablet, stamped "HAM 15 1959".  
844.108 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM CC 14, 1959

In Hamilton County, Westfield Quad., in the SW  $\frac{1}{4}$  of Sec. 7, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; about 1.4 miles south of Westfield; at the intersection of East 161<sup>st</sup> Street and (old) U.S. 31, in the northeast  $\frac{1}{4}$  of the

intersection; set in the top of the east concrete headwall of a 1.5 foot pipe culvert, 23 feet north of the centerline of East 161<sup>st</sup> Street, 15 feet east of the centerline of (old) U.S. 31, 6.1 feet north of the south face of the headwall; a chiseled triangle.

845.033 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC BM HAM 16, 1959

In Hamilton County, Westfield Quad., in the NW  $\frac{1}{4}$  of Sec. 7, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; about 1.4 miles south of Westfield; at the East 161<sup>st</sup> Street concrete bridge over Cool Creek; set in the top of the west end of the north concrete guardrail of the bridge, 11 feet north of the centerline of the road, 1.4 feet east of the west face of the north guardrail, about 2.9 feet above the road; a Indiana Flood Control and Water Resources Commission benchmark tablet, stamped "HAM 16 1959".

846.716 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM CC 15, 1959

In Hamilton County, Westfield Quad., in the NE  $\frac{1}{4}$  of Sec. 12, T. 18 N., R. 3 E., 2<sup>nd</sup> P.M.; about 1.25 miles south of Westfield; about 1.25 miles south along (old) U.S. 31 from its intersection with State Road 32 in Westfield, to a gravel "T"-road east, in the northwest  $\frac{1}{4}$  of the intersection; set in the top of the south end of the west concrete headwall of a 4 foot box culvert under the paved road, 38 feet north of the extended centerline of the "T"-road east, 16 feet west of the centerline of (old) U.S. 31, 1 foot north of the south face of the west headwall; a chiseled triangle.

843.173 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC BM HAM 17, 1959

In Hamilton County, Noblesville Quad., in the NW  $\frac{1}{4}$  of Sec. 7, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; about 1.1 miles south of Westfield; about 1.25 miles south along (old) U.S. 31 from its intersection with State Road 32 in Westfield, to a gravel "T"-road east, thence 0.3 mile generally east along the road to a 20 foot concrete bridge over Cool Creek; set in top of the southeast wingwall of the bridge, 7 west of the centerline of the road, 2.7 feet northeast of the south end of the west steel handrail, about level with the road; a Indiana Flood Control and Water Resources Commission benchmark tablet, stamped "HAM 17 1959".

846.025 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC BM HAM 18, 1959

In Hamilton County, Noblesville Quad., in the SE  $\frac{1}{4}$  of Sec. 6, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; about 0.8 mile south of Westfield; at the Oak Road concrete bridge over Cool Creek; set in the top of the south end of the east

guardrail, 8.5 feet east of the centerline of Oak Road, 0.9 foot north of the south face of the east guardrail of the bridge, about 2.5 feet above the road; a Indiana Flood Control and Water Resources Commission benchmark tablet, stamped "HAM 18 1959".

855.804 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC BM HAM 19, 1959

In Hamilton County, Noblesville Quad., in the SE  $\frac{1}{4}$  of Sec. 6, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; about 0.75 mile south of Westfield; at the 171<sup>st</sup> Street concrete bridge with pipe guardrails over Cool Creek; set in the top of the southeast concrete wingwall of the bridge, 9 feet south of the centerline of the road, 5.2 feet northwest of the southeast face of the southeast wingwall of the bridge, about level with the road; a Indiana Flood Control and Water Resources Commission benchmark tablet, stamped "HAM 19 1959".

855.558 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM CC 16 1959

In Hamilton County, Noblesville Quad., in the NE  $\frac{1}{4}$  of Sec. 6, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; about 0.5 mile east of Westfield; at the intersection of the Conrail Railroad and Grassy Branch Road; set in the east side of telephone pole # L 6C-5, in the northwest  $\frac{1}{4}$  of the intersection, 31 feet north of the north rail of the tracks, 15 feet west of the centerline of the road, about 2 feet above the road; a railroad spike driven through an aluminum tag, stamped "TBM CC 16 1959".

868.834 feet NGVD 1929                      2<sup>nd</sup> Order

IDOT BM HAM G 12

In Hamilton County, Noblesville Quad., in the SE  $\frac{1}{4}$  of Sec. 31, T. 19 N., R. 4 E., 2<sup>nd</sup> P.M.; about 0.2 mile east of Westfield; at the State Road 32 one span concrete bridge over Cool Creek; set in the top of the northeast wingwall of the bridge, 24 feet north of the centerline of State Road 32, 0.5 foot north of the north face of the north guardrail, about level with the road; a Indiana State Highway Commission benchmark tablet, stamped "HAM G 12".

865.013 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM CC 17, 1959

In Hamilton County, Noblesville Quad., in the NE  $\frac{1}{4}$  of Sec. 6, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; at Westfield; about 0.5 mile east along State Road 32 from its intersection with (old) U.S. 31 in Westfield, to a private drive

leading south; set in the top of the northwest end of the northwest wingwall of a bridge on the private drive, 42 feet south of the centerline of State Road 32, 14 feet west of the centerline of the private drive, 1.3 feet southeast of the northwest end of the northwest wingwall, 0.5 foot southwest of the northeast side of the wingwall, about 0.5 foot below the highway; a yellow painted circle with a ½ inch hole marked "BM".

864.990 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM CC 18, 1959

In Hamilton County, Noblesville Quad., in the NE ¼ of Sec. 6, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; at Westfield; about 0.4 mile east along State Road 32 from its intersection with (old) U.S. 31 in Westfield, to a private drive leading south (ORCHARD HILL); set in the top of the north end of the west concrete guardrail of a bridge on the private drive, 44 feet south of the centerline of State Road 32, 6 feet west of the centerline of the private drive, 0.8 foot south of the north end of the west guardrail, about 1.5 feet above the bridge floor; the top of a screw plug.

867.058 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM CC 19, 1959

In Hamilton County, Noblesville Quad., in the NW ¼ of Sec. 6, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; at Westfield; about 0.3 mile east along State Road 32 from its intersection with (old) U.S. 31 in Westfield, to a private drive leading south (Harry G. Barker residence); set in the top of the northeast corner of the bridge floor of the private drive bridge, 90 feet south of the centerline of State Road 32, 7.2 feet east of the centerline of the private drive, 0.45 foot north of the north end of the east guardrail, 0.45 foot west of the east face of the bridge floor; a chiseled square.

866.269 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM CC 20, 1959

In Hamilton County, Noblesville Quad., in the NW ¼ of Sec. 6, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; at Westfield; about 0.25 mile east along State Road 32 from its intersection with (old) U.S. 31 in Westfield, to a "T"-road leading south across a wooden bridge, in the southwest ¼ of the intersection; set on top of a R/W marker, 56 feet south of the centerline of State Road 32, 21 feet west of the centerline of the "T"-road south, 4.5 feet south of telephone pole N. I. P. Co. # 61-175, 1.3 feet above the ground; a chiseled circle.

869.150 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC BM HAM 20, 1959

In Hamilton County, Noblesville Quad., in the NW ¼ of Sec. 6, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; at Westfield; about 0.15 mile east along State Road 32 from its intersection with (old) U.S. 31 in Westfield, to a north-south



crossroad, thence 0.1 mile south along the road to a concrete bridge over Grassy Branch; set in the top of the west concrete guardrail, 11.5 feet west of the centerline of the road, 10 feet north of the south end of the west concrete guardrail of the bridge, 0.7 foot east of the west face of the west guardrail, about 2.5 feet above the road; a Indiana Flood Control and Water Resources Commission benchmark tablet, stamped "HAM 20 1959"  
874.814 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC BM HAM 21, 1959 RESET 1961

In Hamilton County, Westfield Quad., in the NW  $\frac{1}{4}$  of Sec. 6, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; at Westfield; at the (old) U.S. 31, 3 span concrete bridge over Grassy Branch (Evan Kendall Drain); set in the top of the north end of the east sidewalk, 25 feet east of the centerline of (OLD) U.S. 31, 1.1 feet south of the north end of the bridge, 0.9 foot above the road; a Indiana Flood Control and Water Resources Commission benchmark tablet, stamped "HAM 21 1959 RESET 1961".  
877.032 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM CC 21, 1959

In Hamilton County, Westfield Quad., in the NE  $\frac{1}{4}$  of Sec. 1, T. 18 N., R. 3 E., 2<sup>nd</sup> P.M.; at Westfield; at the Park Avenue bridge over Grassy Branch, 0.05 mile west of the junction of (OLD) U. S. 31 and Park Avenue; set in the top of the north concrete guardrail of a culvert (Armco pipe type), 17 feet north of the centerline of Park Avenue, 2 feet west of the east end of the guardrail, 0.8 foot above the road; a chiseled triangle.  
878.160 feet NGVD 1929                      2<sup>nd</sup> Order

USC&GS BM U 42, 1934

In Hamilton County, Westfield Quad., in the NE  $\frac{1}{4}$  of Sec. 1, T. 18 N., R. 3 E., 2<sup>nd</sup> P.M.; at Westfield; between the crossings of the New U.S. 31 and the CSX Railroad and the Conrail Railroad; set in the top of a concrete post, 102 feet west of the centerline of the south bound lanes of U.S. 31, 17 feet north of the north rail of the Conrail Railroad, 8 rails east of the CSX Railroad crossing, 5 rails east of the station, projecting 3 inches above the ground; a U.S. Coast and Geodetic Survey benchmark tablet, stamped "U 42 1934".  
896.491 feet NGVD 1929                      2<sup>nd</sup> Order

USC&GS BM H 32, 1934

In Hamilton County, Westfield Quad., in the NE  $\frac{1}{4}$  of Sec. 1, T. 18 N., R. 3 E., 2<sup>nd</sup> P.M.; at Westfield; between the crossings of the New U.S. 31 and the CSX Railroad and the Conrail Railroad, in the southeast  $\frac{1}{4}$  of the intersection of the railroads; set in top of a concrete post, 14 yards

south of the south end of the station, 36 feet east of the east rail of the CSX Railroad tracks, 18 feet south of the south rail of the Conrail tracks, projecting 7 inches above the ground; a U.S. Coast and Geodetic Survey benchmark tablet, stamped "H 32 1934".

898.046 feet NGVD 1929                      2<sup>nd</sup> Order

USC&GS BM G 32, 1934

In Hamilton County, Westfield Quad., in the NE  $\frac{1}{4}$  of Sec. 1, T. 18 N., R. 3 E., 2<sup>nd</sup> P.M.; at Westfield; between the crossings of the New U.S. 31 and the CSX Railroad and the Conrail Railroad, in the southwest  $\frac{1}{4}$  of the intersection of the railroads; set in the top of an abandoned signal guide base, 14 yards southwest of the southwest corner of the station, 4 yards north of the northeast corner of the switch tower, 3 yards west of the west rail of the CSX Railroad tracks, 2 yards south of the south rail of the Conrail tracks, about 1 foot lower than the rails; a U.S. Coast and Geodetic Survey benchmark tablet, stamped "G 32 1934".

898.765 feet NGVD 1929                      2<sup>nd</sup> Order

USC&GS BM F 237, 1947                      DESTROYED

In Hamilton County, Fishers Quad., in the SW  $\frac{1}{4}$  of Sec. 11, T. 17 N., R. 4 E., 2<sup>nd</sup> P.M.; about 1.0 mile north of Castleton; at the "T"-road intersection of East 96<sup>th</sup> Street and Willow View Road; set in the top of a concrete post, 22 feet east of the centerline of Willow View Road (gravel), 18.5 feet north of the centerline of East 96<sup>th</sup> Street, 2.2 feet northwest of a fence corner post, 1.5 feet west of a fence line, 0.4 foot above the ground; a U.S. Coast and Geodetic Survey benchmark tablet, stamped "F 237 1947".

798.155 feet NGVD 1929                      2<sup>nd</sup> Order

USC&GS BM E 237, 1947                      DESTROYED

In Marion County, Fishers Quad., in the NW  $\frac{1}{4}$  of Sec. 15, T. 17 N., R. 4 E., 2<sup>nd</sup> P.M.; about 1.0 mile northwest of Castleton; at the intersection of East 96<sup>th</sup> Street and Allisonville Road; set in the top of a concrete post, 65 feet south of the centerline of East 96<sup>th</sup> Street, 44.5 feet southeast of the centerline of Allisonville Road, 13 feet southwest of a fence corner post, 2.5 feet below the level of Allisonville Road, 1.5 feet northwest of a fence line, 0.5 foot above the ground; a U.S. Coast and Geodetic Survey benchmark tablet, stamped "E 237 1947".

767.774 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC BM MAR 90                      DESTROYED

In Marion County, Fishers Quad., in the NE  $\frac{1}{4}$  of Sec. 16, T. 17 N., R. 4 E., 2<sup>nd</sup> P.M.; about 1.2 mile northwest of Castleton; 0.35 mile west along

East 96<sup>th</sup> Street from its intersection with Allisonville Road; set in the top of a concrete handrail, 9 feet south of the centerline of the road, 2.3 feet above the ground, 0.7 foot north of the south face of the south handrail; a Indiana Flood Control and Water Resources Commission benchmark tablet, stamped "MAR 90".

736.882 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC FC BM 23                      DESTROYED

In Marion County, Fishers Quad., in the NE  $\frac{1}{4}$  of Sec. 16, T. 17 N., R. 4 E., 2<sup>nd</sup> P.M.; about 1.2 miles northwest of Castleton; 0.35 mile west along East 96<sup>th</sup> Street from its intersection with Allisonville Road; set in the top of the southwest corner of the south concrete handrail, 9.9 feet south of the centerline of the road, 2.7 feet above the road; a yellow painted arrow and FC BM 23.

736.889 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM WHR 214, 1964                      DESTROYED

In Hamilton County, Fishers Quad., in the SW  $\frac{1}{4}$  of Sec. 10, T. 17 N., R. 4 E., 2<sup>nd</sup> P.M.; about 1.2 mile north of Castleton; at the Eller Road 15 foot concrete bridge over John Heath Ditch; set in the top of the east headwall of the bridge, 12 feet north-northeast of the south-southwest end of the wingwall, 10.5 feet east of the centerline of the road, 2.8 feet north of the south break between the wingwall and the guardrail, 1.2 feet above the road; a chiseled triangle;

767.523 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC BM HAM 22 1964                      DESTROYED

In Hamilton County, Fishers Quad., in the SE  $\frac{1}{4}$  of Sec. 3, T. 17 N., R. 4 E., 2<sup>nd</sup> P.M.; about 2.0 mile north of Castleton; at the Eller Road 24 foot concrete bridge over Cheeney Creek; set in the top of the northeast wingwall of the bridge, 126 feet north of the centerline of East 106<sup>th</sup> Street, 11.5 feet east of the centerline of Eller Road, 0.5 foot northwest of the southeast face of the wingwall, about level with the road; a Indiana Flood Control and Water Resources Commission benchmark tablet, stamped "HAM 22 1964".

745.569 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM WHR 215, 1964                      DESTROYED

In Hamilton County, Fishers Quad., in the SE  $\frac{1}{4}$  of Sec. 3, T. 17 N., R. 4 E., 2<sup>nd</sup> P.M.; about 2.0 mile north of Castleton; at the Eller Road 24 foot concrete bridge over Cheeney Creek; set in the south side of a 25-inch Sycamore tree, 80 feet north of the north end of the bridge, 42.5 feet east of the centerline of Eller Road, 21 feet east of a fence line, 1.2

feet above the ground; a railroad spike driven through an aluminum tag, stamped "TBM WHR 215 1964".

741.670 feet NGVD 1929

2<sup>nd</sup> Order

USGS BM 94 RHP 740, 1951 DESTROYED

In Hamilton County, Fishers Quad., in the NW  $\frac{1}{4}$  of Section 3, T. 17 N., R. 4 E., 2<sup>nd</sup> P.M.; about 2.5 miles west of Fishers; at the "T"-road intersection of Eller Road and East 116<sup>th</sup> Street; set in the top of the headwall of a 12-inch pipe culvert, 159 feet north of 116<sup>th</sup> Street, 20 feet west of Eller Road, 2.2 feet east of the west end of the headwall, 0.8 foot above the road; a U.S. Geological Survey bench mark tablet, stamped "94 RHP 740".

739.702 feet NGVD 1929

2<sup>nd</sup> Order

IFC&WRC BM HAM 23 1964

In Hamilton County, Fishers Quad., in the NW  $\frac{1}{4}$  of Section 3, T. 17 N., R. 4 E., 2<sup>nd</sup> P.M.; about 2.5 miles west of Fishers; at the East 116<sup>th</sup> Street 6 span concrete arch bridge over West Fork White River; set in the top of the southwest concrete sidewalk, 38.5 feet northwest of the southeast end of the bridge, 0.8 foot above the level of the road, 0.5 foot northeast of the northeast face of the southeast concrete guardrail base; a Indiana Flood Control and Water Resources Commission benchmark tablet, stamped "HAM 23 1964".

754.650 feet NGVD 1929

2<sup>nd</sup> Order

IFC&WRC TBM WHR 216, 1964

In Hamilton County, Fishers Quad., in the NW  $\frac{1}{4}$  of Section 3, T. 17 N., R. 4 E., 2<sup>nd</sup> P.M.; about 2.7 miles west of Fishers; at the East 116<sup>th</sup> Street 6 span concrete arch bridge over West Fork White River and a northeast-southwest "Y"-road (River Avenue) at the west end of the bridge; set in the southeast side of a 25 inch Ash tree, 375 feet northeast of the centerline of 116<sup>th</sup> Street, 49 feet northwest of the "Y"-road (River Avenue), 35 feet south of the centerline of an east-west paved road, about 0.8 foot above the ground; a railroad spike driven through an aluminum tag, stamped "TBM WHR 216 1964".

742.073 feet NGVD 1929

2<sup>nd</sup> Order

IFC&WRC TBM WHR 217, 1964

In Hamilton County, Fishers Quad., in the NE  $\frac{1}{4}$  of Section 34, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; about 2.3 miles west-northwest of Fishers; 3.2 miles west along East 116<sup>th</sup> Street from its junction with State Road 37 to a 6 span

concrete arch bridge over West Fork White River and a northeast-southwest "Y"-road (River Avenue) at the west end of the bridge, thence 0.85 mile northeast and east along the road to a 84 inch pipe culvert under the road; set in the top of the west end of the south headwall of the culvert, 11.5 feet south of the centerline of the road, 2.3 feet east of the west end of the headwall, 0.6 foot north of the south face of the headwall, about level with the centerline of the road; a chiseled triangle.

742.562 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC BM HAM 24, 1964

In Hamilton County, Fishers Quad., in the East  $\frac{1}{2}$  of Section 34, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; about 2.0 miles west-northwest of Fishers; 3.2 miles west along East 116<sup>th</sup> Street from its junction with State Road 37 to a 6 span concrete arch bridge over West Fork White River and a northeast-southwest "Y"-road (River Avenue) at the west end of the bridge, thence 1.05 mile generally northeast to where the road makes a right angle turn to the north and a 24 inch pipe culvert under the road; set in the top of the center of the north headwall of the culvert, 49.5 feet west of the extended centerline of the north-south portion of the road, 11.5 feet north of the centerline of road leading west, 2.6 feet east of the west end of the north headwall, 0.7 foot above the level of the road; a Indiana Flood Control and Water Resources Commission benchmark tablet, stamped "HAM 24 1964".

741.509 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM WHR 218, 1964

In Hamilton County, Fishers Quad., in the SE  $\frac{1}{4}$  of Section 27, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; about 2.4 miles northwest of Fishers; at the River Avenue 25 foot concrete bridge over Vestal Ditch; set in the top of the south end of the west headwall of the bridge, 8.8 feet west of the centerline of River Avenue, 2.4 feet north of the south end of the headwall, about 1.8 feet above the level of the road; a chiseled triangle.

751.613 feet NGVD 1929                      2<sup>nd</sup> Order

USGS BM 95 RHP

In Hamilton County, Fishers Quad., in the East  $\frac{1}{2}$  of Section 27, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; about 3.7 miles east of Carmel; at the intersection of East 131<sup>st</sup> Street and River Avenue; set in the top of a concrete post, 54 feet west of the extended centerline of River Avenue, 18.5 feet north of the centerline of East 131<sup>st</sup> Street, 2.1 feet southeast of a fence corner post, 0.8 foot above the ground; a U.S. Geological Survey benchmark tablet, stamped "95 RHP 752 1951".

751.462 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM WHR 219, 1964

In Hamilton County, Fishers Quad., in the SW  $\frac{1}{4}$  of Section 23, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; about 3.9 miles east of Carmel; about 0.55 mile north along River Avenue from its intersection with East 131<sup>st</sup> Street to a 20 foot bridge over a small creek; set in the top of the south end of the west wheel guard of the bridge, 12.9 feet west of the centerline of River Avenue, 2.3 feet north of the south end of the wheel guard, 0.5 foot east of the west face of the wheel guard, about level with the road; a chiseled triangle.

752.456 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC BM HAM 25, 1964

In Hamilton County, Fishers Quad., in the South  $\frac{1}{2}$  of Section 23, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; about 4.5 miles east of Carmel; about 0.95 mile north and northeast along River Avenue from its junction with East 131<sup>st</sup> Street to a 20 foot bridge over a small creek; set in the top of the north end of the east wheel guard of the bridge, 14 feet east of the centerline of River Avenue, 2.7 feet south of the north end of the wheel guard, 0.6 foot above the road; a Indiana Flood Control and Water Resources Commission benchmark tablet, stamped "HAM 25 1964".

749.708 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM WHR 220, 1964

In Hamilton County, Noblesville Quad., in the SE  $\frac{1}{4}$  of Section 14, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; about 2.2 miles south-southwest of Noblesville; at the intersection of River Avenue and East 146<sup>th</sup> Street, in the northeast  $\frac{1}{4}$  of the intersection; set in the southwest side of a 12 inch Pine tree, 52.5 feet east of the centerline of River Avenue, 26.8 feet north of centerline of East 146<sup>th</sup> Street, 3.7 feet south of a fence line, about 1 foot above the ground; a railroad spike driven through an aluminum tag, stamped "TBM WHR 220 1964".

764.290 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM WHR 221, 1964

In Hamilton County, Noblesville Quad., in the North  $\frac{1}{2}$  of Section 24, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; about 2.2 miles south of Noblesville; at the East 146<sup>th</sup> Street 5-span concrete bridge over the West Fork White River; set in the northwest side of a 42 inch White Oak tree, 40.5 feet south of the centerline of East 146<sup>th</sup> Street, 39 feet east of the centerline of a levee, 31 feet southwest of the southwest corner of the bridge, about 1.3 feet above the ground; a railroad spike driven through an aluminum tag, stamped "TBM WHR 221 1964".

750.606 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC BM HAM 26, 1964

In Hamilton County, Noblesville Quad., in the South  $\frac{1}{2}$  of Section 13, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; about 2.2 miles south of Noblesville; at the East 146<sup>th</sup> Street 5-span concrete bridge over the West Fork White River; set in the top of the east end of the north concrete guardrail, 11.5 feet north of the centerline of East 146<sup>th</sup> Street, 2.8 feet west of the east end of the bridge, 2.5 feet above the level of the road; a Indiana Flood Control and Water Resources Commission benchmark tablet, stamped "HAM 26 1964".  
755.172 feet NGVD 1929                      2<sup>nd</sup> Order

USC&GS BM HANCOCK 1920

In Hamilton County, Noblesville Quad., in the SW  $\frac{1}{4}$  of Section 18, T. 18 N., R. 5 E., 2<sup>nd</sup> P.M.; about 2.1 miles south of Noblesville; at the intersection of East 146<sup>th</sup> Street and the Norfolk and Western Railroad, in the northwest  $\frac{1}{4}$  of the intersection; set in the top of a concrete post, 26 feet north of the centerline of East 146<sup>th</sup> Street, 19 feet west of the west rail of the railroad tracks, 18.5 east of a right of way fence line, 0.5 foot above the ground; a U.S. Coast and Geodetic Survey triangulation tablet, stamped "HANCOCK 1920".  
812.935 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM WHR 222, 1964

In Hamilton County, Noblesville Quad., in the SW  $\frac{1}{4}$  of Section 18, T. 18 N., R. 5 E., 2<sup>nd</sup> P.M.; about 1.6 miles south of Noblesville; at the Norfolk and Western Railroad 55 foot railroad trestle over Overdorff Branch; set in the north side of the most eastward piling of the south retaining wall, 7.5 feet east of the east rail of the tracks, 4.2 feet below the level of the tracks, 1.1 feet above the ground; a railroad spike driven through an aluminum tag, stamped "TBM WHR 222 1964".  
793.892 feet NGVD 1929                      2<sup>nd</sup> Order

USC&GSGS BM HARRISON 1920

In Hamilton County, Noblesville Quad., in the SW  $\frac{1}{4}$  of Section 7, T. 18 N., R. 5 E., 2<sup>nd</sup> P.M.; about 1.1 miles south of Noblesville; 0.4 miles south south-east along the Norfolk and Western Railroad from its intersection with South 10<sup>th</sup> Street (old State Road 37 A) to the south end of a curve in the railroad tracks, 160 feet south-southeast along the tracks from a "T"-intersection of an east-west fence line, 23.5 feet east of the east rail of the tracks, 12 feet south of a telegraph pole, 3 feet west of a fence line, about 3 feet above the level of the railroad tracks; a U.S. Coast and Geodetic Survey triangulation tablet, stamped "HARRISON 1920".  
787.668 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC BM HAM 27, 1964

In Hamilton County, Noblesville Quad., in the SW  $\frac{1}{4}$  of Section 7, T. 18 N., R. 5 E., 2<sup>nd</sup> P.M.; about 0.7 mile south of Noblesville; at the Norfolk and Western Railroad overpass bridge for South 10<sup>th</sup> Street (old State Road 37 A); set in the top of the north end of the west concrete wingwall of the overpass, 41 feet north of the northwest corner of the steel plate girder, 16 feet west of the centerline of the highway, 1.7 feet south of the north end of the west concrete wingwall, 4.6 feet above the level of the highway; a Indiana Flood Control and Water Resources Commission benchmark tablet, stamped "HAM 27 1964".

755.351 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM WHR 223, 1964

In Hamilton County, Noblesville Quad., in the West  $\frac{1}{2}$  of Section 7, T. 18 N., R. 5 E., 2<sup>nd</sup> P.M.; about 0.6 mile south of Noblesville; at the Norfolk and Western Railroad 80 foot railroad trestle over Stony Creek; set in the top of the second stone step from the top of the northwest wingwall, 9 feet southwest of the southwest rail of the tracks, 4 feet below the level of the tracks, 0.9 foot northeast of the southwest face of the wingwall, 0.8 foot northwest of the southeast face of the wingwall; a chiseled triangle.

762.035 feet NGVD 1929                      2<sup>nd</sup> Order

USC&GS BM R 237, 1947

In Hamilton County, Noblesville Quad., in the SW  $\frac{1}{4}$  of Section 6, T. 18 N., R. 5 E., 2<sup>nd</sup> P.M.; at Noblesville; at the intersection of South 10<sup>th</sup> Street (old State Road 37 A) and State Road 238; set vertically in the southeast corner of the 3<sup>rd</sup> Ward Grammar School, 139 feet west from the centerline of South 10<sup>th</sup> Street (old State Road 37 A), 1.3 feet north of the southeast corner of the school building, about 1.3 feet above the ground; a U.S. Coast and Geodetic Survey benchmark tablet, stamped "R 237 1947".

773.135 feet NGVD 1929                      2<sup>nd</sup> Order

USC&GS BM Q 42, 1934

In Hamilton County, Noblesville Quad., in the NW  $\frac{1}{4}$  of Section 6, T. 18 N., R. 5 E., 2<sup>nd</sup> P.M.; at Noblesville; at the intersection of the Conrail Railroad and the Norfolk and Western Railroad; set in the top of a concrete post, 72 feet east of the centerline of 8<sup>th</sup> Street, 34 feet west of the southwest leg of a water tower, 11.7 feet north of the north rail of the Conrail Railroad tracks, about 0,2 foot above the ground; a U.S. Coast and Geodetic Survey benchmark tablet, stamped "Q 42 1934"

774.496 feet NGVD 1929                      2<sup>nd</sup> Order



IFC&WRC TBM WHR 224, 1964

In Hamilton County, Noblesville Quad., in the North  $\frac{1}{2}$  of Section 1, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; about 0.7 miles west of Noblesville; at the Conrail Railroad 2 span steel truss bridge over the West Fork White River; set in the top of the south end of the east bridge seat, 6 feet below the level of the tracks, 4.9 feet north of the south face of the bridge seat, 1.9 feet west of the east face of the bridge seat; a chiseled triangle.  
761.871 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM WHR 225, 1964

In Hamilton County, Noblesville Quad., in the SW  $\frac{1}{4}$  of Section 1, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; about 0.3 mile southwest of Noblesville; 1.1 miles south and west along River Avenue from its intersection with State Road 32 to a power line crossing at a turn in the road south; set in the east side of a power pole, 40 feet northwest of the centerline at the turn in the road, 30 feet east of the extended centerline of north-south portion of the road, 25 feet north of the extended centerline of the east-west portion of the road, 8 feet north of a fence line, about 1 foot above the ground; a railroad spike driven through an aluminum tag, stamped "TBM WHR 225 1964".  
774.284 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC BM HAM 29, 1964

In Hamilton County, Noblesville Quad., in the SE  $\frac{1}{4}$  of Section 2, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; about 0.5 miles southwest of Noblesville; at the River Avenue 1 span steel truss bridge over Cicero Creek; set in the top of the northwest stone bridge seat, 12.5 feet west of the centerline of the road, 3.3 feet northwest of the north end of the steel truss bridge, 1.4 feet southeast of the northwest face of the bridge seat, 1 foot below the level of the road; a Indiana Flood Control and Water Resources Commission benchmark tablet, stamped "HAM 29 1964".  
757.687 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM WHR 226, 1964

In Hamilton County, Noblesville Quad., in the NW  $\frac{1}{4}$  of Section 1, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; about 0.5 mile west of Noblesville; at the intersection of the Conrail Railroad and River Avenue; set in the east side of a 42 inch Hackberry tree, 52 feet north of the north rail of the tracks, 13 feet west of the centerline of the road, 2.4 feet above the level of the road; a railroad spike driven through an aluminum tag stamped, "TBM WHR 226 1964".  
780.752 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC BM HAM 28, 1964

In Hamilton County, Noblesville Quad., in the NW  $\frac{1}{4}$  of Section 1, T. 18 N., R. 4 E., 2<sup>nd</sup> P.M.; about 0.5 mile west of Noblesville; at the intersection of the Conrail Railroad and River Avenue; set in the south end of the headwall of a 2 foot box culvert under the road, 377 feet north of the north rail of railroad tracks, 11.5 feet west of the centerline of the road, 1.1 feet north of the south end of the headwall, about level with the road; a Indiana Flood Control and Water Resources Commission benchmark tablet, stamped "HAM 28 1964".

784.284 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC BM HAM 30, 1964                      DESTROYED

In Hamilton County, Noblesville Quad., in the SE  $\frac{1}{4}$  of Section 35, T. 19 N., R. 4 E., 2<sup>nd</sup> P.M.; about 0.5 mile west of Noblesville; at the State Road 32 3 span steel truss bridge over Cicero Creek; set in the top of the northwest end of the northeast bridge seat, 23.3 feet southwest of the northeast end of the wingwall, 12.6 feet northwest of the centerline of the road, 3.9 feet below the road; a Indiana Flood Control and Water Resources Commission benchmark tablet, stamped "HAM 30 1964".

762.691 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM WHR 227, 1964

In Hamilton County, Noblesville Quad., in the SW  $\frac{1}{4}$  of Section 36, T. 19 N., R. 4 E., 2<sup>nd</sup> P.M.; about 0.5 mile west of Noblesville; 1.0 mile west along State Road 32 from its intersection with 10<sup>th</sup> Street (old State Road 37 A) to a gravel driveway leading north; set in the top of the south end of the west headwall of a 12 inch pipe culvert under the driveway, 47 feet north of the centerline of the highway, 10.5 feet east of the centerline of the driveway, 4 feet below the level of the highway, 0.4 foot east of the west face of the headwall; a chiseled triangle.

761.258 feet NGVD 1929                      2<sup>nd</sup> Order

USC&GS BM G 212, 1946                      DESTROYED

In Hamilton County, Noblesville Quad., in the SE  $\frac{1}{4}$  of Section 36, T. 19 N., R. 4 E., 2<sup>nd</sup> P.M.; at Noblesville; at the Logan Street bridge over West Fork White River; set in the top of the north end of the southwest concrete wingwall railing of the bridge, 71 feet east of the centerline of State Road 19, 12 feet north of the northeast corner of the gage house, 2.4 feet above the road, 1.3 feet south of the north end of the railing, 1.0 foot east of the west face of the railing; a U.S. Coast and Geodetic Survey benchmark tablet, stamped "G 212 1946".

770.012 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC BM HAM 31, 1964

DESTROYED

In Hamilton County, Noblesville Quad., in the SE  $\frac{1}{4}$  of Section 36, T. 19 N., R. 4 E., 2<sup>nd</sup> P.M.; at Noblesville; at the State Road 32 bridge over West Fork White River; set in the top of the southeast concrete guardrail of the bridge, 19 feet southeast of the centerline of the road, 2.9 feet northwest of the southeast end of the guardrail, 0.7 foot northeast of the southwest face of the guardrail; a Indiana Flood Control and Water Resources Commission benchmark tablet, stamped "HAM 31 1964".

770.742 feet NGVD 1929

2<sup>nd</sup> Order

USC&GS BM R 42, 1946

DESTROYED

In Hamilton County, Noblesville Quad., in the SW  $\frac{1}{4}$  of Section 31, T. 19 N., R. 5 E., 2<sup>nd</sup> P.M.; at Noblesville; at the northwest corner of the Hamilton County Courthouse; set in the top of a concrete post, 50.5 feet south of the centerline of Logan Street, 48.0 feet east of the centerline of 8<sup>th</sup> Street, 0.3 foot above the ground; a U.S. Coast and Geodetic Survey benchmark tablet, stamped "R 42 1946".

771.895 feet NGVD 1929

2<sup>nd</sup> Order

IFC&WRC BM HAM 32, 1964

In Hamilton County, Noblesville Quad., in the SE  $\frac{1}{4}$  of Section 36, T. 19 N., R. 4 E., 2<sup>nd</sup> P.M.; at Noblesville; at the Norfolk and Western Railroad bridge over the West Fork White River; set in the top of the northwest end of the northwest concrete toe wall of the wingwall of the bridge, 20.5 feet southwest of the southwest rail of the tracks, 11.2 feet below the level of the tracks, 4.7 feet east of the west end of the wingwall; a Indiana Flood Control and Water Resources Commission benchmark tablet, stamped "HAM 32 1964".

759.701 feet NGVD 1929

2<sup>nd</sup> Order

USC&GS BM F 212 RESET 1953

In Hamilton County, Noblesville Quad., in the NE  $\frac{1}{4}$  of Section 36, T. 19 N., R. 4 E., 2<sup>nd</sup> P.M.; at Noblesville, 0.85 mile north along State Road 19 from its junction with State Road 32, to a "T"-road west into Forest Park; set in the top of a concrete post, 62 feet north of the centerline of the Park entrance road, 39 feet west of the centerline of the highway, about 0.4 foot above the ground; a U.S. Coast and Geodetic Survey benchmark tablet, stamped "F 212 RESET 1953".

762.159 feet NGVD 1929

2<sup>nd</sup> Order

IFC&WRC TBM WHR 228, 1964

In Hamilton County, Noblesville Quad., in the East  $\frac{1}{2}$  of Section 25, T. 19 N., R. 4 E., 2<sup>nd</sup> P.M.; about 0.5 mile north of Noblesville; 1.4 miles north

along State Road 19 from its junction with State Road 32, to where the highway turns northeast near two houses on the west side of the highway; set in the west side of a 20 inch Oak tree, 110 feet east and across the road from the east face of the northern most house, 37 feet east of the centerline of the road, 20.5 feet north of a power pole, about 1 foot above the ground; a railroad spike driven through an aluminum tag, stamped "TBM WHR 228 1964".

799.219 feet NGVD 1929                      2<sup>nd</sup> Order

USC&GS BM E 212 RESET 1953

In Hamilton County, Noblesville Quad., in the NW ¼ of Section 30, T. 19 N., R. 4 E., 2<sup>nd</sup> P.M.; about 1.3 miles north of Noblesville; at the "T"-road intersection of State Road 19 and East 196<sup>th</sup> Street; set in the top of a concrete post, 45 feet south of a telephone pole, 37.6 feet east of the centerline of State Road 19, about 0.4 foot west of a fence line, in line with the extended centerline of East 196<sup>th</sup> Street, about 0.4 foot above the ground; a U.S. Coast and Geodetic Survey benchmark tablet, stamped "E 212 RESET 1953".

796.627 feet NGVD 1929                      2<sup>nd</sup> Order

Note: Revised NGS Elevation.

IFC&WRC TBM WHR 229, 1964

In Hamilton County, Noblesville Quad., in the SW ¼ of Section 19, T. 19 N., R. 5 E., 2<sup>nd</sup> P.M.; about 1.7 miles north of Noblesville; 0.4 mile north along State Road 19 from its junction with East 196<sup>th</sup> Street to a gravel drive east; set in the top of the center of the north headwall of a 12 inch pipe culvert under the drive, 26 feet east of the centerline of the highway, 12 feet north of the centerline of the gravel drive, 14.5 feet west of a fence corner post, 0.2 foot south of the north face of the headwall, about 0.2 foot below the gravel drive; a chiseled triangle.

798.512 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM WHR 230, 1964

In Hamilton County, Noblesville Quad., near the center of Section 19, T. 19 N., R. 5 E., 2<sup>nd</sup> P.M.; about 1.5 miles north of Noblesville; 0.45 mile south along Edith Avenue from its intersection with East 206<sup>th</sup> Street to a farm lane east; set in the west side of a 30 inch Shag Bark Hickory tree, 130 feet east of the centerline of the road, 12 feet south of the extended centerline of the farm lane, 1.5 feet south of a fence line, about 1.1 feet above the ground; a railroad spike driven through an aluminum tag, stamped "TBM WHR 230 1964".

797.298 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC BM HAM 33, 1964

In Hamilton County, Noblesville Quad., in the SE  $\frac{1}{4}$  of Section 19, T. 19 N., R. 5 E., 2<sup>nd</sup> P.M.; about 1.0 mile north of Noblesville; at the Potter covered bridge over the West Fork White River; set in the top of the west end of the north bridge seat, 66 feet south of the centerline of a T-road west (Edith Avenue), 13 feet west of the centerline of the bridge, 3.6 feet north of the south face of the bridge seat, 0.8 foot east of the west face of the bridge seat, 1.7 feet below the level of the road; a Indiana Flood Control and Water Resources Commission benchmark tablet, stamped "HAM 33 1964".

767.643 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM WHR 231, 1964

In Hamilton County, Noblesville Quad., in the SE  $\frac{1}{4}$  of Section 19, T. 19 N., R. 5 E., 2<sup>nd</sup> P.M.; About 1.1 miles north of Noblesville; 2.0 miles generally north and east along North 10<sup>th</sup> Street (old State Road 37 A) from its junction with State Road 32, to a "T"-road north, thence 0.2 mile north along the road and across the West Fork White River to a 45 foot concrete bridge over a small creek; set in the top of the southwest end of the southeast concrete guardrail of the bridge, 9.5 feet southeast of the centerline of the road, 6.6 feet northeast of the broken southwest end of the guardrail, 1.5 feet above the level of the road, 0.7 foot northwest of the southeast face of the guardrail; a chiseled triangle.

764.973 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM WHR 232, 1964

In Hamilton County, Riverwood Quad., in the West  $\frac{1}{4}$  of Section 20, T. 19 N., R. 5 E., 2<sup>nd</sup> P.M.; about 1.5 miles southwest of Riverwood; 0.2 miles west-southwest along Riverwood Avenue from its intersection with Overdorf Road to a 4 foot box culvert under the road; set in the top of the southwest end of the southeast concrete headwall of the culvert, 12.5 feet southeast of the centerline of the road, 1 foot northeast of the southwest end of the headwall, 0.8 foot above the road; a chiseled triangle.

783.268 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC BM HAM 34, 1964

In Hamilton County, Riverwood Quad., near the center of Section 20, T. 19 N., R. 5 E., 2<sup>nd</sup> P.M.; About 1.4 miles southwest of Riverwood; at the "T"-road intersection of Riverwood Avenue and Overdorf Road; set in the top of the north end of the west concrete headwall of a 4-foot box culvert under Overdorf Road, 24 feet north of the centerline of Riverwood Avenue, 12.5 feet west of the centerline of Overdorf Road, 1.8 feet south of the north end of the headwall, 1.3 feet above the level of the road. 0.6 foot east of the west face of the headwall; a Indiana Flood Control and Water Resources Commission benchmark tablet, stamped "HAM 34 1964".

780.979 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM WHR 233, 1964

In Hamilton County, Riverwood Quad., in the NW  $\frac{1}{4}$  of Section 21, T. 19 N., R. 5 E., 2<sup>nd</sup> P.M.; about 0.8 miles southwest of Riverwood; 0.6 mile northeast along Riverwood Avenue from its junction with Overdorf Road to a farm house on the north side of the road and a drive leading north; set in the west side of a 25-inch Maple tree, 70 feet east of the east corner of the farm house, 19 feet northwest of the centerline of the road, 15 feet northeast of the centerline of the drive, 0.5 foot above the road; a railroad spike driven through an aluminum tag, stamped "TBM WHR 233 1964".  
780.176 feet NGVD 1929                      2<sup>nd</sup> Order

DNR TBM WHR 234 1964

In Hamilton County, Riverwood Quad., in the West  $\frac{1}{2}$  of Section 16, T. 19 N., R. 5 E., 2<sup>nd</sup> P.M.; at Clare; at the East 211<sup>th</sup> Street 3-span steel truss bridge over West Fork White River; set in the top of the east end of the south headwall of a 24-inch pipe culvert, 100 feet west of the west end of the bridge, 47 feet east of the centerline of the north-south road, 26.5 feet south of the centerline of East 211<sup>th</sup> Street, 1 foot northwest of the southeast end of the headwall, 0.4 foot northeast of the southwest face of the headwall, about level with the road; a chiseled triangle.  
770.125 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC BM HAM 35, 1964                      (DESTROYED)

In Hamilton County, Riverwood Quad., in the West  $\frac{1}{2}$  of Section 16, T. 19 N., R. 5 E., 2<sup>nd</sup> P.M.; at Clare; at the East 211<sup>th</sup> Street 3-span steel truss bridge over West Fork White River; set in the top of the east most bridge pier, 101 feet west of the east end of the bridge, 12.5 feet south of the centerline of the bridge, 2.4 feet north of the south end of the pier, 3.6 feet below the bridge floor; a Indiana Flood Control and Water Resources Commission benchmark tablet, stamped "HAM 35 1964".  
767.920 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM WHR 235, 1964

In Hamilton County, Riverwood Quad., in the SW  $\frac{1}{4}$  of Section 9, T. 19 N., R. 5 E., 2<sup>nd</sup> P.M.; about 0.1 mile north of Riverwood; 0.75 mile east along East 221<sup>st</sup> Street from its junction with Overdorf Road to a turn south, thence 0.25 mile south to a red brick house on the east side of the road; set in the west side of a 26-inch Sycamore tree, 330 feet north of the north side of the house, 16.5 feet east of the centerline of the road, 1 foot above the ground; a railroad spike driven through an aluminum tag, stamped "TBM WHR 235 1964".  
785.324 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC BM HAM 36, 1964

In Hamilton County, Riverwood Quad., in the West  $\frac{1}{2}$  of Section 9, T. 19 N., R. 5 E., 2<sup>nd</sup> P.M.; about 0.25 mile north of Riverwood; 0.75 mile east along East 221<sup>st</sup> Street from its junction with Overdorf Road to a turn south, thence 0.1 mile south to a 12-inch pipe culvert under the road; set in the top of the north end of the east headwall, 25.5 feet south of the centerline of a driveway, 12 feet east of the centerline of the road, 1.7 feet south of the north end of the headwall, 0.6 foot west of the east face of the headwall, 0.3 foot below the level of the road; a Indiana Flood Control and Water Resources Commission benchmark tablet, stamped "HAM 36 1964".

793.739 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM WHR 236, 1964                      (DESTROYED)

In Hamilton County, Riverwood Quad., in the SE  $\frac{1}{4}$  of Section 8, T. 19 N., R. 5 E., 2<sup>nd</sup> P.M.; about 0.8 mile northwest of Riverwood; at the intersection of East 221<sup>st</sup> Street and Overdorf Road; set in the top of a 3-foot box culvert under East 221<sup>st</sup> Street, 390 feet east of the intersection, 12.0 feet south of the centerline of East 221<sup>st</sup> Street, 0.6 foot west of the east face of the culvert, 0.4 foot north of the south end of the culvert, 0.2 foot below the road; a chiseled triangle.

788.351 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC BM HAM 37, 1964

In Hamilton County, Riverwood Quad., in the North  $\frac{1}{2}$  of Section 8, T. 19 N., R. 5 E., 2<sup>nd</sup> P.M.; about 1.0 mile northwest of Riverwood; at the Overdorf Road 31 foot concrete arch bridge over a small stream; set in top of the north end of the east concrete guardrail, 8.5 feet east of the centerline of the road, 2 feet south of the north end of east guardrail, 3 feet above the level of the road; a Indiana Flood Control and Water Resources Commission benchmark tablet, stamped "HAM 37 1964".

799.168 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM WHR 237, 1964

In Hamilton County, Omega Quad., in the North  $\frac{1}{2}$  of Section 5, T. 19 N., R. 5 E., 2<sup>nd</sup> P.M.; about 3.4 miles southwest of Walnut Grove; 0.2 mile south along Overdorf Road from its intersection with East 234<sup>th</sup> Street to a farm drive west; set in the west side of a power pole, 95 feet south of the extended centerline of the farm drive, 13.5 feet east of the centerline of the road, 1.2 feet above the level of the road, on a north-south fence line; a railroad spike driven through an aluminum tag, stamped "TBM WHR 237 1964".

816.842 feet NGVD 1929                      2<sup>nd</sup> Order

USC&GS BM P 205, 1946

In Hamilton County, Omega Quad., in the East  $\frac{1}{2}$  of Section 5, T. 19 N., R. 5 E., 2<sup>nd</sup> P.M.; about 2.9 miles southwest of Walnut Grove; at the "T"-road intersection of East 234<sup>th</sup> Street and Fall Road (gravel), in the northwest  $\frac{1}{4}$  of the intersection; set in the top of a concrete post, 57 feet north of the centerline of 234<sup>th</sup> Street, 16 feet west of the centerline of Fall Road, 1 foot east of a fence line, 0.2 foot above the level of the ground; a U.S. Coast and Geodetic Survey benchmark tablet, stamped "P 205 1946".  
813.227 feet NGVD 1929                      2<sup>nd</sup> Order

USC&GS BM R 209, 1946                      (DESTROYED)

In Hamilton County, Omega Quad., in the NE  $\frac{1}{4}$  of Section 4, T. 19 N., R. 5 E., 2<sup>nd</sup> P.M.; about 2.5 miles southwest of Walnut Grove; at the Strawtown Avenue 2 span steel truss bridge over West Fork White River; set in the top of the northeast end of the center pier of the bridge, 151 feet southeast of the northwest end of the bridge, 10.0 feet northeast of the centerline of the bridge, 1.0 foot below the bridge floor; a U.S. Coast and Geodetic Survey benchmark tablet, stamped "P 205 1946".  
782.725 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM WHR 238, 1964

In Hamilton County, Riverwood Quad., in the West  $\frac{1}{2}$  of Section 3, T. 19 N., R. 5 E., 2<sup>nd</sup> P.M.; about 0.3 mile west of Strawtown; 0.6 mile generally west along Strawtown Avenue from its junction with State Road 37 in Strawtown to a 3-foot box culvert under the road; set in top of the west end of the north headwall of the culvert, 10 feet north of the centerline of Strawtown Avenue, 0.7 foot east of the west end of the headwall, 0.5 foot south of the north face of the headwall, about level with the road; a chiseled triangle.  
777.007 feet NGVD 1929                      2<sup>nd</sup> Order

USC&GS BM Q 209, 1946

In Hamilton County, Riverwood Quad., in the SE  $\frac{1}{4}$  of Section 3, T. 19 N., R. 5 E., 2<sup>nd</sup> P.M.; at Strawtown; at the State Road 37, 3 span steel truss bridge over West Fork White River; set in the top of the south end of the west concrete wingwall guardrail, 16 feet west of the centerline of State Road 37, 3.5 feet above the level of the highway, 1.0 foot northeast of the southwest end of the wingwall guardrail; a U.S. Coast and Geodetic Survey benchmark tablet, stamped "Q 209 1946".  
794.506 feet NGVD 1929    2<sup>nd</sup> Order

IFC&WRC TBM WHR 239, 1964



In Hamilton County, Riverwood Quad., in the SW  $\frac{1}{4}$  of Section 2, T. 19 N., R. 5 E., 2<sup>nd</sup> P.M.; about 0.5 mile southeast of Strawtown; 0.5 mile east-southeast along Strawtown Avenue from its junction with State Road 37 in Strawtown to a slight turn in the road to the east; set in the north side of power pole #62539, 770 feet southeast and across the road from a farmhouse, 21 feet south of the centerline of Strawtown Avenue, 2 feet north of a fence line, 0.6 foot above the ground; a railroad spike driven through an aluminum tag, stamped "TBM WHR 239 1964".  
811.161 feet NGVD 1929                      2<sup>nd</sup> Order

USC&GS BM P 209, 1946

In Hamilton County, Riverwood Quad., in the SE  $\frac{1}{4}$  of Section 2, T. 19 N., R. 5 E., 2<sup>nd</sup> P.M.; about 0.9 mile east of Strawtown; 1 mile east along Strawtown Avenue from its junction with State Road 37 to a red barn on the north side of the road; set in the top of a concrete post, 281 feet east and across the road from the southeast corner of the barn, 19 feet south of the centerline of Strawtown Avenue, 14 feet east of a 10 inch concrete fence corner post, 1 foot north of a fence line, 0.2 foot above the level of the ground; a U.S. Coast and Geodetic Survey benchmark tablet, stamped "P 209 1946".  
811.019 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM WHR 240, 1964

In Hamilton County, Omega Quad., in the W  $\frac{1}{2}$  section 1, T.19 N., R.5 E., 2<sup>nd</sup> P.M.; about 2.7 miles south-southeast of Walnut Grove; 1.4 miles east along Strawtown Avenue from its junction with State Road 37 in Strawtown to a barn on the south side of the road; set in the southwest side of a power pole, 350 feet northeast of the northeast corner of the barn, 16.5 feet southeast of the centerline of Strawtown Avenue, 1 foot northwest of a fence line, 0.8 foot above the ground; a railroad spike driven through an aluminum tag, stamped "TBM WHR 240 1964".  
815.046 feet NGVD 1929                      2<sup>nd</sup> Order

USC&GS BM N 209, 1946

In Hamilton County, Omega Quad., in the NE  $\frac{1}{4}$  of Section 1, T. 19 N., R. 5 E., 2<sup>nd</sup> P.M.; about 2.7 miles south-southeast of Walnut Grove; 2 miles generally east along Strawtown Avenue from its junction with State Road 37 in Strawtown to a farmhouse on the north side of the road and a farm drive heading north; set in the top of a concrete post, 121 feet southwest of and across the road from the southwest corner of the farm house, 26 feet

west of the extended centerline of the farm drive to the house, 20 feet south of the centerline of Strawtown Avenue, 4.5 feet east of a power pole, 1.2 foot north of a fence line, 0.4 foot above the level of the ground; a U.S. Coast and Geodetic Survey benchmark tablet, stamped "N 209 1946".

804.818 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM WHR 241, 1964

In Hamilton County, Riverwood Quad., in the SW  $\frac{1}{4}$  of Section 6, T. 19 N., R. 6 E., 2<sup>nd</sup> P.M.; about 2.2 miles east of Strawtown; at the "T"-road intersection of Strawtown Avenue and Prairie Baptist Road; set in the south side of a 12 inch Beech tree, 90 feet east of the centerline of Prairie Baptist Road, 27 feet south of the centerline of Strawtown Avenue, 14 feet southwest of a mailbox, 0.9 foot above the ground; a railroad spike driven through an aluminum tag, stamped "TBM WHR 241 1964".

811.304 feet NGVD 1929                      2<sup>nd</sup> Order

USC&GS BM M 209, 1946

In Hamilton County, Omega Quad., near the center of Section 6, T. 19 N., R. 6 E., 2<sup>nd</sup> P.M.; about 3.4 miles southeast of Walnut Grove; at the Strawtown Avenue 48 foot steel truss bridge over Dyers Creek; set in the top of the southwest end of the southwest concrete wingwall railing, 15 feet northwest of the centerline of Strawtown Avenue, 2.5 feet above the level of the road, 0.9 foot northeast of the southwest end of the railing; a U.S. Coast and Geodetic Survey benchmark tablet, stamped "M 209 1946".

799.831 feet NGVD 1929                      2<sup>nd</sup> Order

USC&GS BM L 209, 1946

In Hamilton County, Omega Quad., in the SW  $\frac{1}{4}$  of Section 32, T. 20 N., R. 6 E., 2<sup>nd</sup> P.M.; about 3.4 miles southeast of Walnut Grove; at the "T"-road intersection of Strawtown Avenue and McClintock Road; set in top of a concrete post, 300 feet northeast of the centerline of McClintock Road, 22 feet northwest of the centerline of Strawtown Avenue, 8.5 feet southwest of a 24 inch concrete fence corner post, 2 feet south of a fence line, about 0.1 foot above the ground; a U.S. Coast and Geodetic Survey benchmark tablet, stamped "L 209 1946".

806.652 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM WHR 241-A 1964

In Hamilton County, Frankton Quad., in the SE  $\frac{1}{4}$  of Section 32, T. 20 N., R. 6 E., 2<sup>nd</sup> P.M.; about 0.4 mile southwest of Perkinsville; 0.2 mile west along Strawtown Avenue from its intersection with State Road 13 to a 15 foot bridge over a small stream; set in the top of the west end of the north guardrail of the bridge, 11 feet north of the centerline of Strawtown Avenue, 4 feet east of the west end of guardrail, 2.5 feet above the level of the road, 0.7 foot south of the north face of the guardrail; a chiseled triangle.

806.842 feet NGVD 1929                      2<sup>nd</sup> Order

USC&GSGS BM N 194, 1946                      (DESTROYED)

In Madison County, Frankton Quad., in the West  $\frac{1}{2}$  of Section 32, T. 20 N., R. 6 E., 2<sup>nd</sup> P.M.; at Perkinsville; at the State Road 13 concrete arch bridge over West Fork White River; set in the top of the north end of the east concrete guardrail, 10 feet east of the centerline of the road, 1.6 feet above the road, 1.2 feet south of the north end of the guardrail, 1.2 feet west of the east face of the guardrail; a U.S. Coast and Geodetic Survey benchmark tablet, stamped "P 194 1946".

807.948 feet NGVD 1929                      2<sup>nd</sup> Order

IFC&WRC TBM WHR 242, 1964

In Hamilton County, Frankton Quad., in the SE  $\frac{1}{4}$  of Section 29, T. 20 N., R. 6 E., 2<sup>nd</sup> P.M.; about 0.6 mile north of Perkinsville; 0.6 mile north along State Road 13 from the bridge over the West Fork White River in Perkinsville to a 24 inch pipe culvert under State Road 13; set in the east side of a power pole, 70 feet north of the pipe culvert, 28 feet west of the centerline of State Road 13, 0.8 foot east of a fence line, 1.2 feet above the ground; a railroad spike driven through an aluminum tag, stamped "TBM WHR 242 1964".

800.969 feet NGVD 1929                      2<sup>nd</sup> Order

USC&GS BM P 194, 1946

In Hamilton County, Frankton Quad., in the East  $\frac{1}{2}$  of Section 29, T. 20 N., R. 6 E., 2<sup>nd</sup> P.M.; about 0.9 mile north of Perkinsville, at the "T"-road intersection of State Road 13 and 251<sup>st</sup> Street; in the northwest  $\frac{1}{4}$  of the intersection; set in the top of a concrete post, 103 feet north of the northwest corner of the State Road 13 steel truss bridge over Pipe Creek, 31 feet west of the centerline of State Road 13, 24 feet north of 251<sup>st</sup> Street, 1.5 feet east of a fence line, about 0.3 foot above the ground; a U.S. Coast and Geodetic Survey benchmark tablet, stamped "P 194 1946".

802.502 feet NGVD 1929                      2<sup>nd</sup> Order

Note :(DNR revised the USC&GS elevation).

In Hamilton County, Frankton Quad., in the SE ¼ of Section 20, T. 20 N., R. 6 E., 2<sup>nd</sup> P.M.; about 1.4 miles north of Perkinsville; at the intersection of State Road 13, State Road 37, 400 North Road, and East 256<sup>th</sup> Street, in the northwest ¼ of the intersection; set in the top of a concrete post, 50 feet west of the centerline of State Road 13/37, 22 feet north of the centerline of 256<sup>th</sup> Street, about 0.4 foot above the ground; a U.S. Coast and Geodetic Survey benchmark tablet, stamped "Q 194 1946".

830.195 feet NGVD 1929                      2<sup>nd</sup> Order

STATE OF INDIANA  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF WATER

The station is located about 1.5 miles northeast of Eagle Village; 0.37 mile west along West 131<sup>st</sup> Street from its intersection with Shelborn Road, 0.66 mile east of the Boone-Hamilton County Line; set in the top of a concrete post, 0.2 foot above the ground; a Department of Natural Resources brass control station tablet, stamped "LEE 2 1989".

Note: BM has a slight lean to the west

The station is located approximately 2.5 miles northeast of Zionsville; at the intersection of Shelborne Road and West 131<sup>st</sup> Street, in the southeast ¼ of the

LEE 2 AZI: 40.7 feet east of a utility pole  
38.5 feet south of a road sign post  
26.1 feet east of the centerline of Shelborne Road  
20.3 feet south of the centerline of West 131<sup>st</sup> Street

The station is located about 2.65 miles northeast of Eagle Village; about 1500 feet south of the intersection of West 146<sup>th</sup> Street, along Shelborne Road; set in the top of a

concrete post, surrounded by an approximate 2 foot square concrete slab, about flush with the ground; a Department of Natural Resources brass control station tablet, stamped "LEE 4 Reset".

LEE 4 Reset: 30.8 feet south of a utility pole PSC of I. 201-064  
24.0 feet south of the extended centerline of a private road west  
20.4 feet north of the north most red & white 4" metal vertical pipe of  
a petroleum pipeline  
15.3 feet east of the centerline of Shelborne Road  
10.4 feet southwest of the northwest corner of a fence post  
3.0 feet west of a fence  
2.5 feet west of a orange DNR witness post

STATE OF INDIANA  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF WATER

PRIMARY SURVEY CONTROL DATA

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PROJECT DATA  
Project Name: Little Eagle Branch      County: Hamilton      Civil Twp: Clay  
Section 19 Township 18 N.      Range 3 E., 2<sup>nd</sup> P.M.      USGS 7.5' Quad: Carmel  
Agency Established by: DNR/Water      Date: April 1989  
Agency Recovered by:      Date:  
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ELEVATION DATA (N.G.V.D. 1929): Second Order Class II (DNR)  
Elevation: 912.262 Feet      278.0582 Meters

ELEVATION DATA (N.A.V.D. 1988): Second Order Class II (DNR)  
Elevation: 911.927 Feet      277.9560 Meters  
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POSITION DATA (N.A.D. 1927):  
Geodetic Position:  $\phi = 39^\circ$       59'      13.57613"       $\lambda = 86^\circ$       13'      18.20473"  
INDIANA STATE PLANE COORDINATES IN U.S. SURVEY FEET (one meter = 39.37 inches exactly)  
State Plane Coordinates: Ind. East Zone, Easting: 344,465.019      Northing: 906,257.518

POSITION DATA (N.A.D. 1983/86):  
Geodetic Position:  $\phi = 39^\circ$       59'      13.71568"       $\lambda = 86^\circ$       13'      18.17484"  
INDIANA STATE PLANE COORDINATES IN U.S. SURVEY FEET (one meter = 39.37 inches exactly)  
State Plane Coordinates: Ind. East Zone, Easting: 172,554.850      Northing: 1,726,498.183  
INDIANA STATE PLANE COORDINATES IN METERS  
State Plane Coordinates: Ind. East Zone, Easting: 52,594.823      Northing: 526,237.699  
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AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
LEE 4	°   '   "	°   '   "	
	°   '   "	°   '   "	
	°   '   "	°   '   "	

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DESCRIPTION OF MONUMENT, ROUTE TO STATION, AND REFERENCE MARKS

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The station is located approximately 3.0 miles northeast of Zionsville; 1800 feet south of the intersection of West 141<sup>st</sup> Street and Shelborne Road, on the west side of Shelborne Road, in the southeast ¼ of the intersection of Shelborne Road and a private drive to the

LEE 4 AZI: 45.4 feet south of the centerline of the private drive west  
22.1 feet southeast of a fence corner post  
15.6 feet west of the centerline of Shelborne Road  
9.9 feet west of an orange DNR witness post

## PRIMARY SURVEY CONTROL DATA

PROJECT DATA		Station Code and No. LEE 5
Project Name: Little Eagle Branch	County: Hamilton	Civil Twp: Washington
Section 18 Township 18 N. Range 3 E., 2 <sup>nd</sup> P.M.	USGS 7.5' Quad:	Westfield
Agency Established by: DNR/Water		Date: 1989
Agency Recovered by:		Date:

ELEVATION DATA (N.G.V.D. 1929):    Second Order Class II (DNR)  
Elevation:    895.194 Feet                    272.8558 Meters

ELEVATION DATA (N.A.V.D. 1988):    Second Order Class II (DNR)  
Elevation:    894.830 Feet                    272.7447 Meters

POSITION DATA (N.A.D. 1927):  
 Geodetic Position:  $\phi = 40^{\circ} \quad 00' \quad 47.52848''$   $\lambda = 86^{\circ} \quad 13' \quad 59.12143''$   
 INDIANA STATE PLANE COORDINATES IN U.S. SURVEY FEET (one meter = 39.37 inches exactly)  
 State Plane Coordinates: Ind. East Zone, Easting: 341,340.565 Northing: 915,784.239

POSITION DATA (N.A.D. 1983/86):

Geodetic Position:  $\phi = 40^{\circ} \quad 00' \quad 44.66713''$   $\lambda = 86^{\circ} \quad 13' \quad 59.09417''$

INDIANA STATE PLANE COORDINATES IN U.S. SURVEY FEET (one meter = 39.37 inches exactly)

State Plane Coordinates: Ind. East Zone, Easting: 169,430.277 Northing: 1,736,024.983

INDIANA STATE PLANE COORDINATES IN METERS

State Plane Coordinates: Ind. East Zone, Easting: 51,642.452 Northing: 529,141.473

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
LEE 5 AZI	0 1 "	0 1 "	
	0 1 "	0 1 "	
	0 1 "	0 1 "	

DESCRIPTION OF MONUMENT, ROUTE TO STATION, AND REFERENCE MARKS

The station is located about 2.0 miles south of Jolietville; about 0.4 mile east along West 156<sup>th</sup> Street from its intersection with the Boone-Hamilton County Line Road, about





of a concrete post, 0.1 foot below the ground; a Department of Natural Resources brass control station tablet, stamped "LEE 5 AZI 1989".

LEE 5 AZI: 270.0 feet west of a private driveway north  
214.5 feet northeast of Utility Pole #BC5-149  
60.6 feet northwest of Utility Pole #BC5-150  
37.0 feet north of an east-west fence line  
18.0 feet north of the centerline of 200 South Road  
2.5 feet southwest of a orange D.N.R. witness post

STATE OF INDIANA  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF WATER

PRIMARY SURVEY CONTROL DATA

---

PROJECT DATA	Station Code and No. LEE 6
Project Name: Little Eagle Branch	County: Hamilton Civil Twp: Washington
Section 17, Township 18 N., Range 3 E., 2 <sup>nd</sup> P.M.	USGS 7.5' Quad: Westfield
Agency Established by: DNR/Water	Date: April 1989
Agency Recovered by:	Date:

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ELEVATION DATA (N.G.V.D. 1929): Second Order Class II (DNR)  
Elevation: 903.435 Feet 275.3674 Meters  
ELEVATION DATA (N.A.V.D. 1988): Second Order Class II (DNR)  
Elevation: 903.077 Feet 275.2583 Meters

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POSITION DATA (N.A.D. 1927):  
Geodetic Position:  $\phi = 40^{\circ} 00' 21.89388''$   $\lambda = 86^{\circ} 13' 12.15231''$   
INDIANA STATE PLANE COORDINATES IN U.S. SURVEY FEET (one meter = 39.37 inches exactly)  
State Plane Coordinates: Ind. East Zone, Easting: 344,979.040 Northing: 913,167.403

POSITION DATA (N.A.D. 1983/86):  
Geodetic Position:  $\phi = 40^{\circ} 00' 22.03219''$   $\lambda = 86^{\circ} 13' 12.12309''$   
INDIANA STATE PLANE COORDINATES IN U.S. SURVEY FEET (one meter = 39.37 inches exactly)  
State Plane Coordinates: Ind. East Zone, Easting: 173,068.806 Northing: 1,733,408.066  
INDIANA STATE PLANE COORDINATES IN METERS  
State Plane Coordinates: Ind. East Zone, Easting: 52,751.478 Northing: 528,343.835

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AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
LEE 6 AZI	$^{\circ} \quad ' \quad ''$	$^{\circ} \quad ' \quad ''$	
	$^{\circ} \quad ' \quad ''$	$^{\circ} \quad ' \quad ''$	
	$^{\circ} \quad ' \quad ''$	$^{\circ} \quad ' \quad ''$	

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DESCRIPTION OF MONUMENT, ROUTE TO STATION, AND REFERENCE MARKS

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The station is located about 2.93 miles southwest of Eagletown; about 500 feet east of the intersection of Shelborne Road and West 151<sup>st</sup> Street; set in the top of a concrete

## DESCRIPTION OF MONUMENT, ROUTE TO STATION, AND REFERENCE MARKS

LEE 6 AZI      290.0   feet of a concrete culvert  
                      21.0   feet west of a lone 44" oak tree  
                      19.0   feet south of the centerline of West 151<sup>st</sup> Street  
                      1.3   feet north of an orange DNR witness post

DESCRIPTION OF MONUMENT, ROUTE TO STATION, AND REFERENCE MARKS

The station is located about 2.5 miles southwest of Eagletown; at the intersection of Towne Road and West 151<sup>st</sup> Street, in the southwest ¼ of the intersection; set in the top of a concrete post, level with the ground; a Department of Natural Resources brass control station tablet, stamped "LEE 7, 1989".

LEE 7:           68.7 feet south of a utility pole  
          40.5 feet east-southeast of a stop sign  
          24.5 feet south of the centerline of West 151<sup>st</sup> Street  
          16.0 feet southwest of a stop sign post  
          13.6 feet west of the centerline of Towne Road

STATE OF INDIANA  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF WATER

PRIMARY SURVEY CONTROL DATA

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PROJECT DATA	Station Code and No. LEE 7 AZI
Project Name: Little Eagle Branch	County: Hamilton Civil Twp: Washington
Section 17, Township 18 N., Range 3 E., 2 <sup>nd</sup> P.M.	USGS 7.5' Quad: Westfield
Agency Established by: DNR/Water	Date: April 1989
Agency Recovered by:	Date:

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ELEVATION DATA (N.G.V.D. 1929): Second Order Class II (DNR)  
Elevation: 924.092 Feet 281.6638 Meters

ELEVATION DATA (N.A.V.D. 1988): Second Order Class II (DNR)  
Elevation: 923.738 Feet 281.5560 Meters

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POSITION DATA (N.A.D. 1927):  
Geodetic Position:  $\phi = 40^{\circ} 00' 36.44971''$   $\lambda = 86^{\circ} 12' 10.77311''$   
INDIANA STATE PLANE COORDINATES IN U.S. SURVEY FEET (one meter = 39.37 inches exactly)  
State Plane Coordinates: Ind. East Zone, Easting: 349,764.201 Northing: 914,611.053

POSITION DATA (N.A.D. 1983/86):  
Geodetic Position:  $\phi = 40^{\circ} 00' 36.58723''$   $\lambda = 86^{\circ} 12' 10.74180''$   
INDIANA STATE PLANE COORDINATES IN U.S. SURVEY FEET (one meter = 39.37 inches exactly)  
State Plane Coordinates: Ind. East Zone, Easting: 177,854.001 Northing: 1,734,851.663  
INDIANA STATE PLANE COORDINATES IN METERS  
State Plane Coordinates: Ind. East Zone, Easting: 54,210.008 Northing: 528,783.845

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AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
LEE 7	° ' "	° ' "	
	° ' "	° ' "	
	° ' "	° ' "	

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DESCRIPTION OF MONUMENT, ROUTE TO STATION, AND REFERENCE MARKS

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LEE 7 AZI:       104.0 feet north of the north side of the north silo  
                  33.9 feet west of a north-south fence line  
                  20.2 feet west of the centerline of Towne Road  
                  8.3 feet northwest of a utility pole  
                  2.0 feet above the road  
                  1.3 feet east of an orange DNR witness post

## DESCRIPTION OF MONUMENT, ROUTE TO STATION, AND REFERENCE MARKS

LEE 8:

- 222.0 feet north of private drive leading to farmhouse
- 38.0 feet northeast of a utility pole BC5/M 28
- 30.0 feet north of a fence corner post
- 12.5 feet east of the centerline of County Road 1200 East (Boone-Hamilton  
County Line Road)
- 1.3 feet west of a north-south fence line
- 1.1 feet west of a orange D.N.R. witness post

DESCRIPTION OF MONUMENT, ROUTE TO STATION, AND REFERENCE MARKS

Located about 1.75 miles southwest of Jolietville; about 0.7 miles north along the Boone-Hamilton County Line Road (1200 East Road) from the intersection of County Roads 200 South and 1200 East (Boone-Hamilton County Line Road); set in the top of a concrete post, 0.15 foot below ground level; a Department of Natural Resources brass control station tablet, stamped "LEE 8 AZI 1989."

LEE 8 AZI:      284.5 southeast of a utility pole  
                 61.5 northeast of a utility pole  
                 12.0 feet east of the centerline of County Road 100 East  
                 1.5 feet west of a north-south fence line  
                 1.5 feet west of a orange D.N.R. witness post

STATE OF INDIANA  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF WATER

PRIMARY SURVEY CONTROL DATA

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PROJECT DATA	Station Code and No. LEE 9
Project Name: Little Eagle Branch	County: Hamilton      Civil Twp: Washington
Section 8, Township 18 N., Range 3 E., 2 <sup>nd</sup> P.M.	USGS 7.5' Quad: Westfield
Agency Established by: DNR/Water	Date: 1989
Agency Recovered by:	Date:

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ELEVATION DATA (N.G.V.D. 1929):    Second Order Class II (DNR)  
Elevation:    911.067 Feet                      277.6938 Meters

ELEVATION DATA (N.A.V.D. 1988):    Second Order Class II (DNR)  
Elevation:    910.710 Feet                      277.5850 Meters

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POSITION DATA (N.A.D. 1927):  
Geodetic Position:       $\phi = 40^{\circ} \quad 01' \quad 39.57578''$                        $\lambda = 86^{\circ} \quad 13' \quad 16.99682''$   
INDIANA STATE PLANE COORDINATES IN U.S. SURVEY FEET (one meter = 39.37 inches exactly)  
State Plane Coordinates: Ind. East Zone, Easting: 344,650.995    Northing: 921,030.109

POSITION DATA (N.A.D. 1983/86):  
Geodetic Position:       $\phi = 40^{\circ} \quad 01' \quad 39.71358''$                        $\lambda = 86^{\circ} \quad 13' \quad 16.96851''$   
INDIANA STATE PLANE COORDINATES IN U.S. SURVEY FEET (one meter = 39.37 inches exactly)  
State Plane Coordinates: Ind. East Zone, Easting: 172,740.699    Northing: 1,741,270.862  
INDIANA STATE PLANE COORDINATES IN METERS  
State Plane Coordinates: Ind. East Zone, Easting: 52,651.471    Northing: 530,740.420

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AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
LEE 9 AZI	$^{\circ} \quad ' \quad ''$	$^{\circ} \quad ' \quad ''$	
	$^{\circ} \quad ' \quad ''$	$^{\circ} \quad ' \quad ''$	
	$^{\circ} \quad ' \quad ''$	$^{\circ} \quad ' \quad ''$	

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DESCRIPTION OF MONUMENT, ROUTE TO STATION, AND REFERENCE MARKS

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The station is located about 1.0 mile south-southeast of Jolietville; 1.0 mile east along West 166th Street from its intersection with the Boone-Hamilton County Line Road; set in the top of a concrete post, 0.2 foot below the ground; a Department of Natural Resources brass control station tablet, stamped "LEE 9 1989".

LEE 9:           200.0 feet west of the centerline of a farm entrance road to the south  
          103.0 feet west of a utility pole (no number)  
          19.0 feet south of the centerline of West 166<sup>th</sup> Street  
          9.7 feet north of an east-west fence  
          5.2 feet east of a fence corner post  
          4.8 feet east of a orange D.N.R. witness post

STATE OF INDIANA  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF WATER

PRIMARY SURVEY CONTROL DATA

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PROJECT DATA	Station Code and No. LEE 9 AZI Reset
Project Name: Little Eagle Branch	County: Hamilton Civil Twp: Washington
Section 5, Township 18 N., Range 3 E., 2 <sup>nd</sup> P.M.	USGS 7.5' Quad: Westfield
Agency Established by: DNR/Water	Date: 1992
Agency Recovered by:	Date:

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ELEVATION DATA (N.G.V.D. 1929): Second Order Class II (DNR)  
Elevation: 883.884 Feet                   269.4085 Meters

ELEVATION DATA (N.A.V.D. 1988): Second Order Class II (DNR)  
Elevation: 883.529 Feet                   269.3003 Meters

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POSITION DATA (N.A.D. 1927):  
Geodetic Position:      $\phi = 40^{\circ}$    01'   40.33165"                    $\lambda = 86^{\circ}$    12'   40.19593"  
INDIANA STATE PLANE COORDINATES IN U.S. SURVEY FEET (one meter = 39.37 inches exactly)  
State Plane Coordinates: Ind. East Zone, Easting: 347,514.266   Northing: 921,088.931

POSITION DATA (N.A.D. 1983/86):  
Geodetic Position:      $\phi = 40^{\circ}$    01'   40.46908"                    $\lambda = 86^{\circ}$    12'   40.16628 "  
INDIANA STATE PLANE COORDINATES IN U.S. SURVEY FEET (one meter = 39.37 inches exactly)  
State Plane Coordinates: Ind. East Zone, Easting: 175,603.999   Northing: 1,741,329.647  
INDIANA STATE PLANE COORDINATES IN METERS  
State Plane Coordinates: Ind. East Zone, Easting: 53,524.206   Northing: 530,758.338

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AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
LEE 9	°   '   "	°   '   "	
	°   '   "	°   '   "	
	°   '   "	°   '   "	

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DESCRIPTION OF MONUMENT, ROUTE TO STATION, AND REFERENCE MARKS

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The station is located about 1.0 mile southeast of Jolietville; at the intersection of West 166<sup>th</sup> Street and Little Eagle Creek Avenue; set in the top of a concrete post, 0.2 foot below the ground; a Department of Natural Resources brass control station tablet, stamped "LEE 9 AZI RESET 1992".

LEE 9 AZI RESET: 222.0 feet east of the east end of West 166<sup>th</sup> Street bridge over  
Little Eagle Creek  
35.6 feet west of the centerline of Little Eagle Creek Avenue  
19.3 feet north of the centerline of West 166<sup>th</sup> Street  
10.5 feet southwest of a road sign post  
17.7 feet south of a orange D.N.R. witness post

STATE OF INDIANA  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF WATER

PRIMARY SURVEY CONTROL DATA

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PROJECT DATA Station Code and No. LEE 10  
Project Name: Little Eagle Branch County: Hamilton Civil Twp: Washington  
Section 4, Township 18 N., Range 3 E., 2<sup>nd</sup> P.M. USGS 7.5' Quad: Westfield  
Agency Established by: DNR/Water Date: May 1989  
Agency Recovered by: Date:

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ELEVATION DATA (N.G.V.D. 1929): Second Order Class II (DNR)  
Elevation: 921.296 Feet 280.8114 Meters

ELEVATION DATA (N.A.V.D. 1988): Second Order Class II (DNR)  
Elevation: 920.942 Feet 280.7038 Meters

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POSITION DATA (N.A.D. 1927):  
Geodetic Position:  $\phi = 40^{\circ} 01' 41.04162''$   $\lambda = 86^{\circ} 11' 36.18075''$   
INDIANA STATE PLANE COORDINATES IN U.S. SURVEY FEET (one meter = 39.37 inches exactly)  
State Plane Coordinates: Ind. East Zone, Easting: 352,494.526 Northing: 921,130.828

POSITION DATA (N.A.D. 1983/86):  
Geodetic Position:  $\phi = 40^{\circ} 01' 41.17839''$   $\lambda = 86^{\circ} 11' 36.14874''$   
INDIANA STATE PLANE COORDINATES IN U.S. SURVEY FEET (one meter = 39.37 inches exactly)  
State Plane Coordinates: Ind. East Zone, Easting: 180,584.307 Northing: 1,741,371.480  
INDIANA STATE PLANE COORDINATES IN METERS  
State Plane Coordinates: Ind. East Zone, Easting: 55,042.207 Northing: 530,771.089

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AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
LEE 10 AZI	° ' "	° ' "	
	° ' "	° ' "	
	° ' "	° ' "	

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DESCRIPTION OF MONUMENT, ROUTE TO STATION, AND REFERENCE MARKS

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LEE 10:           31.0 feet west of the centerline of Eagletown Road  
                  28.8 feet northeast of utility pole with guy wire  
                  27.0 feet north of the centerline of West 166<sup>th</sup> Street  
                  25.0 feet southeast of a mobile home

DESCRIPTION OF MONUMENT, ROUTE TO STATION, AND REFERENCE MARKS

## DESCRIPTION OF MONUMENT, ROUTE TO STATION, AND REFERENCE MARKS

LEE 11:

- 55.0 feet east of the centerline of a driveway to 2406 West 186<sup>th</sup> Street  
to the north
- 38.0 feet west of a fence corner post
- 11.0 feet south of the centerline of West 186th Street
- 4.4 feet north of a fence line
- 2.9 feet north of a utility pole (no number)
- 2.0 feet north of a orange D.N.R. witness post

## DESCRIPTION OF MONUMENT, ROUTE TO STATION, AND REFERENCE MARKS



LEE 12:  
94.0 feet southeast of the southeast corner of a barn (painted white)  
41.0 feet north of the centerline of West 186<sup>th</sup> Street  
23.0 feet north of a utility pole (no number)  
16.9 feet south-southwest of a "STOP" sign post  
13.0 feet west of the centerline of Casey Road  
2.7 feet west of a orange D.N.R. witness post

## DESCRIPTION OF MONUMENT, ROUTE TO STATION, AND REFERENCE MARKS

The station is located about 0.7 mile east-northeast of Eagletown; 0.33 mile north along Casey Road from its intersection with State Road 32; set in the top of a concrete post, level with the ground; a Department of Natural Resources brass control station tablet, stamped "LEE 12 AZI 1989".

LEE 12 AZI: 35.0 feet south of the centerline of a driveway, to the west  
33.0 feet south of a mailbox  
15.0 feet east of the centerline of Casey Road  
12.0 feet north-northwest of utility pole #P.S.C. of I. 195-620  
2.5 feet west of a fence line

STATE OF INDIANA  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF WATER

PRIMARY SURVEY CONTROL DATA

-----  
PROJECT DATA Station Code and No. HAM 38  
Project Name: Little Eagle Branch County: Hamilton Civil Twp: Clay  
Section 18, Township 18 N., Range 3 E., 2<sup>nd</sup> P.M. USGS 7.5' Quad: Carmel  
Agency Established by: DNR/Water Date: March 1989  
Agency Recovered by: Date:-----

ELEVATION DATA (N.G.V.D. 1929): Second Order Class II (DNR)  
Elevation: 870.124 Feet 265.2142 Meters

ELEVATION DATA (N.A.V.D. 1988): Second Order Class II (DNR)  
Elevation: 869.756 Feet 265.1023 Meters

-----  
POSITION DATA (N.A.D. 1927):  
Geodetic Position:  $\phi =$  ° ' "  $\lambda =$  ° ' "  
INDIANA STATE PLANE COORDINATES IN U.S. SURVEY FEET (one meter = 39.37 inches exactly)  
State Plane Coordinates: Zone, Easting: Northing:

POSITION DATA (N.A.D. 1983/ ):  
Geodetic Position:  $\phi =$  ° ' "  $\lambda =$  ° ' "  
INDIANA STATE PLANE COORDINATES IN U.S. SURVEY FEET (one meter = 39.37 inches exactly)  
State Plane Coordinates: Zone, Easting: Northing:

-----  
AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
	° ' "	° ' "	
	° ' "	° ' "	
	° ' "	° ' "	

-----  
DESCRIPTION OF MONUMENT, ROUTE TO STATION, AND REFERENCE MARKS  
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The station is located approximately 3.0 miles north-northeast of Zionsville; 264.0 feet east of the Boone-Hamilton County Line Road, at the West 146<sup>th</sup> Street bridge over Little



Eagle Creek; set in the top of the northwest concrete abutment of the bridge; a Department of Natural Resources brass control station tablet, stamped "HAM 38 1989".

HAM 38: 260.0 feet west of the centerline of Eagle Creek Road (Little Eagle Creek Avenue)  
14.9 feet north of the centerline of West 146<sup>th</sup> Street  
2.0 feet north of the north guardrail  
1.3 feet north of the north and east end of the aluminum guardrail  
1.0 foot south of the north face of the concrete abutment  
0.5 foot west of the east face of the abutment  
0.9 foot above the road

STATE OF INDIANA  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF WATER

PRIMARY SURVEY CONTROL DATA

-----  
PROJECT DATA Station Code and No. HAM 39  
Project Name: Little Eagle Branch County: Hamilton Civil Twp: Washington  
Section 7, Township 18 N., Range 3 E., 2<sup>nd</sup> P.M. USGS 7.5' Quad: Westfield  
Agency Established by: DNR/Water Date: March 1989  
Agency Recovered by: Date:  
-----

ELEVATION DATA (N.G.V.D. 1929): Second Order Class II (DNR)  
Elevation: 899.702 Feet 274.2299 Meters

ELEVATION DATA (N.A.V.D. 1988): Second Order Class II (DNR)  
Elevation: 899.342 Feet 274.1199 Meters  
-----

POSITION DATA (N.A.D. 1927):  
Geodetic Position:  $\phi =$  ° ' "  $\lambda =$  ° ' "  
INDIANA STATE PLANE COORDINATES IN U.S. SURVEY FEET (one meter = 39.37 inches exactly)  
State Plane Coordinates: Zone, Easting: Northing:

POSITION DATA (N.A.D. 1983/ ):  
Geodetic Position:  $\phi =$  ° ' "  $\lambda =$  ° ' "  
INDIANA STATE PLANE COORDINATES IN U.S. SURVEY FEET (one meter = 39.37 inches exactly)  
State Plane Coordinates: Zone, Easting: Northing:  
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AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
	° ' "	° ' "	
	° ' "	° ' "	
	° ' "	° ' "	

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DESCRIPTION OF MONUMENT, ROUTE TO STATION, AND REFERENCE MARKS

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HAM 39:           71.75 feet north of a utility pole  
                  56.35 feet west of a utility pole  
                  33.35 feet east of a utility pole  
                  15.0 feet of the centerline of the road  
                  3.5 feet below the road

## PRIMARY SURVEY CONTROL DATA

DESCRIPTION OF MONUMENT, ROUTE TO STATION, AND REFERENCE MARKS

The station is located about 2.84 miles northeast of Eagle Village; at the intersection of Shelborn Road and West 146<sup>th</sup> Street; at the edge of a ditch; set in the top of a concrete post, level with the ground a Department of Natural Resources brass control station tablet, stamped "HAM 40 1989".

HAM 40:           58.8 feet southeast of a fence corner post  
                  54.5 feet east of a fence corner post, most northern, on the south side of  
                  West 146<sup>th</sup> Street  
                  42.0 feet west of a utility pole  
                  31.0 feet east of the centerline of Shelborne Road  
                  20.0 feet south of the centerline of West 146<sup>th</sup> Street  
                  14.0 feet east of a power pole  
                  14.5 feet east of a stop sign post  
                  4.3 feet southwest of the south end of a 12 inch CMP under West 146<sup>th</sup>  
                  Street

STATE OF INDIANA  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF WATER

PRIMARY SURVEY CONTROL DATA

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PROJECT DATA	Station Code and No. HAM 41
Project Name: Little Eagle Branch	County: Hamilton Civil Twp: Washington
Section 9, Township 18 N., Range 3 E., 2 <sup>nd</sup> P.M.	USGS 7.5' Quad: Westfield
Agency Established by: DNR/Water	Date: April 1989
Agency Recovered by:	Date:

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ELEVATION DATA (N.G.V.D. 1929): Second Order Class II (DNR)  
Elevation: 917.897 Feet 279.7755 Meters

ELEVATION DATA (N.A.V.D. 1988): Second Order Class II (DNR)  
Elevation: 917.541 Feet 279.6671 Meters

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POSITION DATA (N.A.D. 1927):  
Geodetic Position:  $\phi = 40^{\circ} 00' 49.09344''$   $\lambda = 86^{\circ} 11' 17.77679''$   
INDIANA STATE PLANE COORDINATES IN U.S. SURVEY FEET (one meter = 39.37 inches exactly)  
State Plane Coordinates: Ind. East Zone, Easting: 353,895.418 Northing: 915,865.949

POSITION DATA (N.A.D. 1983/86):  
Geodetic Position:  $\phi = 40^{\circ} 00' 49.23030''$   $\lambda = 86^{\circ} 11' 17.74366''$   
INDIANA STATE PLANE COORDINATES IN U.S. SURVEY FEET (one meter = 39.37 inches exactly)  
State Plane Coordinates: Ind. East Zone, Easting: 181,985.249 Northing: 1,736,106.515  
INDIANA STATE PLANE COORDINATES IN METERS  
State Plane Coordinates: Ind. East Zone, Easting: 55,469.215 Northing: 529,166.324

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AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
	o ' "	o ' "	
	o ' "	o ' "	
	o ' "	o ' "	

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DESCRIPTION OF MONUMENT, ROUTE TO STATION, AND REFERENCE MARKS

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HAM 41:           84.0 feet northeast of utility pole #30  
                  40.2 feet northeast of a fence line end post  
                  18.3 feet east of the centerline of a field entrance road, north  
                  13.7 feet north of the centerline of West 156<sup>th</sup> Street  
                  6.4 feet southeast of an end fence post  
                  3.4 feet south of an orange DNR witness post

## PRIMARY SURVEY CONTROL DATA

DESCRIPTION OF MONUMENT, ROUTE TO STATION, AND REFERENCE MARKS

HAM 42:

51.2	feet	southeast of a power pole
22.8	feet	south of a power pole
9.3	feet	east of the centerline of Town Road
3.1	feet	south of the north end of the headwall
2.4	feet	above the road

## PRIMARY SURVEY CONTROL DATA

Mark	Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
		0      1      "	0      1      "	
		0      1      "	0      1      "	
		0      1      "	0      1      "	

## DESCRIPTION OF MONUMENT, ROUTE TO STATION, AND REFERENCE MARKS

HAM 43:            11.0 feet south of the centerline of West 166<sup>th</sup> Street  
                      3.1 feet northeast of the southwest end of the wingwall  
                      1.0 feet below the road

# PRIMARY SURVEY CONTROL DATA

DESCRIPTION OF MONUMENT, ROUTE TO STATION, AND REFERENCE MARKS

Located about 1.2 miles southwest of Eagletown; 1.0 mile south from State Road 32, at the West 166<sup>th</sup> Street Bridge over Little Eagle Creek; set in the top of the southeast concrete wingwall of the bridge, level with the road; a Department of Natural Resources brass control station tablet, stamped "HAM 44 1989".

HAM 44:           240.0 feet west of the intersection of Eagle Creek Avenue  
                  13.5 feet south of the centerline of West 166<sup>th</sup> Street  
                  1.23 feet northwest of the southeast face of the wingwall

STATE OF INDIANA  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF WATER

PRIMARY SURVEY CONTROL DATA

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PROJECT DATA	Station Code and No. HAM 45
Project Name: Little Eagle Branch	County: Hamilton Civil Twp: Washington
Section 7, Township 18 N., Range 3 E., 2 <sup>nd</sup> P.M.	USGS 7.5' Quad: Westfield
Agency Established by: DNR/Water	Date: March 1989
Agency Recovered by:	Date:

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ELEVATION DATA (N.G.V.D. 1929): Second Order Class II (DNR)  
Elevation: 913.292 Feet 278.3721 Meters

ELEVATION DATA (N.A.V.D. 1988): Second Order Class II (DNR)  
Elevation: 912.935 Feet 278.2631 Meters

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POSITION DATA (N.A.D. 1927):  
Geodetic Position:  $\phi =$  ° ' "  $\lambda =$  ° ' "  
INDIANA STATE PLANE COORDINATES IN U.S. SURVEY FEET (one meter = 39.37 inches exactly)  
State Plane Coordinates: Zone, Easting: Northing:

POSITION DATA (N.A.D. 1983/ ):  
Geodetic Position:  $\phi =$  ° ' "  $\lambda =$  ° ' "  
INDIANA STATE PLANE COORDINATES IN U.S. SURVEY FEET (one meter = 39.37 inches exactly)  
State Plane Coordinates: Zone, Easting: Northing:

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AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
	° ' "	° ' "	
	° ' "	° ' "	
	° ' "	° ' "	

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DESCRIPTION OF MONUMENT, ROUTE TO STATION, AND REFERENCE MARKS

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HAM 45:

- 13.0 feet south of the centerline of the road
- 3.6 feet north of an east-west fence
- 2.9 feet west of the east end of the headwall

# PRIMARY SURVEY CONTROL DATA

DESCRIPTION OF MONUMENT, ROUTE TO STATION, AND REFERENCE MARKS



HAM 46:           67.6 feet northwest of utility pole #BC 5 R 6  
                  12.5 feet north of the centerline of West 166<sup>th</sup> Street  
                  1.9 feet south of the north face of the concrete headwall

## PRIMARY SURVEY CONTROL DATA

DESCRIPTION OF MONUMENT, ROUTE TO STATION, AND REFERENCE MARKS

HAM 47:

200.0	feet east of the centerline of the Boone-Hamilton County Line Road
110.7	feet northwest of utility pole # REMC 4351-BC5-48
10.5	feet north of the centerline of 200 South Road
1.7	feet east of the west end of the headwall

## PRIMARY SURVEY CONTROL DATA

Mark Name	Geodetic Azimuth			Grid Azimuth			Grid Distance (feet)
	o	'	"	o	'	"	
	o	'	"	o	'	"	
	o	'	"	o	'	"	

## DESCRIPTION OF MONUMENT, ROUTE TO STATION, AND REFERENCE MARKS

The station is located about 1.4 miles northeast of Eagletown; 1.4 miles north of State Road 32, 0.4 mile south of West 193<sup>rd</sup> Street, at the Casey Road culvert over an unnamed tributary of Little Eagle Creek; set in the top at the Southwest end of the concrete headwall of the culvert; a Department of Natural Resources brass control station tablet, stamped "HAM 48 1989".

HAM 48:           137.0 feet south of the bridge over Little Eagle Creek  
                  10.9 feet west of the centerline of Casey Road  
                  1.7 feet above the road  
                  1.4 feet north of the south end of the headwall

STATE OF INDIANA  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF WATER

PRIMARY SURVEY CONTROL DATA

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PROJECT DATA	Station Code and No. HAM 50
Project Name: Little Eagle Branch	County: Hamilton Civil Twp: Washington
Section 5, Township 18 N., Range 3 E., 2 <sup>nd</sup> P.M.	USGS 7.5' Quad: Westfield
Agency Established by: DNR/Water	Date: 1989
Agency Recovered by:	Date:

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ELEVATION DATA (N.G.V.D. 1929): Second Order Class II (DNR)  
Elevation: 923.332 Feet 281.4322 Meters

ELEVATION DATA (N.A.V.D. 1988): Second Order Class II (DNR)  
Elevation: 922.992 Feet 281.3286 Meters

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POSITION DATA (N.A.D. 1927):  
Geodetic Position:  $\phi = 40^{\circ} 02' 30.42670''$   $\lambda = 86^{\circ} 12' 53.88057''$   
INDIANA STATE PLANE COORDINATES IN U.S. SURVEY FEET (one meter = 39.37 inches exactly)  
State Plane Coordinates: Ind. East Zone, Easting: 346,480.923 Northing: 926,164.421

POSITION DATA (N.A.D. 1983/86):  
Geodetic Position:  $\phi = 40^{\circ} 02' 30.56393''$   $\lambda = 86^{\circ} 12' 53.85188''$   
INDIANA STATE PLANE COORDINATES IN U.S. SURVEY FEET (one meter = 39.37 inches exactly)  
State Plane Coordinates: Ind. East Zone, Easting: 174,570.608 Northing: 1,746,405.206  
INDIANA STATE PLANE COORDINATES IN METERS  
State Plane Coordinates: Ind. East Zone, Easting: 53,209.228 Northing: 532,305.371

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AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
	o ' "	o ' "	
	o ' "	o ' "	
	o ' "	o ' "	

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DESCRIPTION OF MONUMENT, ROUTE TO STATION, AND REFERENCE MARKS

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HAM 50:

- 600.0 feet west of the centerline of Centennial Road
- 163.0 feet east of the centerline of a driveway at residence #3131
- 29.0 feet south of the centerline of State Road 32
- 22.0 feet east of utility pole #P.S.C. of I 84-750
- 20.8 feet north of utility pole #P.S.C. of I. 200-480
- 4.0 feet west of an end fence post, (north-south fence line)
- 2.0 feet west of a orange D.N.R. witness post

## PRIMARY SURVEY CONTROL DATA

DESCRIPTION OF MONUMENT, ROUTE TO STATION, AND REFERENCE MARKS

HAM 51:           80.5 feet east of a driveway center line to the south  
                  73.0 feet north of the porch of a brown two-story framed house #1521  
                  33.0 feet west of a driveway center line to the south  
                  29.5 feet southeast of and across 193<sup>rd</sup> Street from utility pole #198/789  
                  11.5 feet south of the centerline of West 193<sup>rd</sup> Street

## PRIMARY SURVEY CONTROL DATA

Mark	Name	Geodetic	Azimuth	Grid	Azimuth	Grid Distance (feet)
		0	1	0	1	0
		0	1	0	1	0
		0	1	0	1	0

DESCRIPTION OF MONUMENT, ROUTE TO STATION, AND REFERENCE MARKS

HAM 52:            35.5 feet south of a utility pole (no number)  
                      25.5 feet west of a "STOP" sign post  
                      22.0 feet east of the centerline of Eagletown Road  
                      17.0 feet north of the centerline of West 186<sup>th</sup> Street

## PRIMARY SURVEY CONTROL DATA

Mark	Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
		0   '   "	0   '   "	
		0   '   "	0   '   "	
		0   '   "	0   '   "	

## DESCRIPTION OF MONUMENT, ROUTE TO STATION, AND REFERENCE MARKS

HAM 53:           137.0 feet east of the centerline of a driveway, the most eastern entrance to the Mr. Wood residence, Box #1624.  
                  108.0 feet east southeast of an "Eagletown city limits" sign post.  
                  70.0 feet southeast of utility pole #N.I.P.C.O. 51-487  
                  23.0 feet south of the centerline of State Road 32  
                  1.3 feet north of a fence line  
                  0.6 foot below the highway

## PRIMARY SURVEY CONTROL DATA

## DESCRIPTION OF MONUMENT, ROUTE TO STATION, AND REFERENCE MARKS

HAM 54;            15.65 feet east of the centerline of the road  
                         1.75 feet southwest of the northeast end of the wingwall

# PRIMARY SURVEY CONTROL DATA

DESCRIPTION OF MONUMENT, ROUTE TO STATION, AND REFERENCE MARKS



This station is located approximately 1.2 miles southeast of Zionsville; approximately 0.24 mile northwest of the intersection of U.S. 421 and West 106<sup>th</sup> Street, on the east side of U.S. 421; set in the top of a concrete post, 0.5 foot above the ground; a U.S. Coast and Geodetic Survey benchmark tablet, stamped "S 78 1946".

S 78:      48.4 feet east of the centerline of U.S. 421  
            44.5 feet northwest of utility pole #838.6370  
            26.7 feet southeast of a fire hydrant  
            26.0 feet northwest of a 32" tree  
            2.5 feet west of a fence line

STATE OF INDIANA  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF WATER

PRIMARY SURVEY CONTROL DATA

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PROJECT DATA	Station Code and No. B 112
Project Name: Little Eagle Branch	County: Hamilton      Civil Twp: Washington
Section 34, Township 19 N., Range 3 E., 2 <sup>nd</sup> P.M.	USGS 7.5' Quad: Westfield
Agency Established by: USC & GS	Date: 1946
Agency Recovered by: DNR/Water	Date: 1989

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ELEVATION DATA (N.G.V.D. 1929):    Second Order Class II (DNR)    \* New Elevation  
Elevation:    924.688 Feet                      281.8454 Meters

ELEVATION DATA (N.A.V.D. 1988):    Second Order Class II (DNR)  
Elevation:    924.347 Feet                      281.7414 Meters

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POSITION DATA (N.A.D. 1927):  
Geodetic Position:       $\phi =$  °      '      "                       $\lambda =$  °      '      "  
INDIANA STATE PLANE COORDINATES IN U.S. SURVEY FEET (one meter = 39.37 inches exactly)  
State Plane Coordinates:              Zone, Easting:              Northing:

POSITION DATA (N.A.D. 1983/    ):  
Geodetic Position:       $\phi =$  °      '      "                       $\lambda =$  °      '      "  
INDIANA STATE PLANE COORDINATES IN U.S. SURVEY FEET (one meter = 39.37 inches exactly)  
State Plane Coordinates:              Zone, Easting:              Northing:

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AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
	°   '   "	°   '   "	
	°   '   "	°   '   "	
	°   '   "	°   '   "	

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DESCRIPTION OF MONUMENT, ROUTE TO STATION, AND REFERENCE MARKS

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The station is 1.0 mile east of Eagletown; 1.0 mile east along State Road 32 from its intersection with Eagletown Road in Eagletown; set in the top of a concrete post, 0.1 foot above the ground; a U.S. Coast & Geodetic Survey bench mark tablet, stamped "B 112 1946".

B 112: 163.0 feet east of the centerline of a driveway to a farm house #930 Casey  
115.5 feet east of a fence corner (wood fence)  
75.5 feet southeast of the southeast corner of a barn (painted white)  
44.0 feet east of a CMP culvert under the road  
24.0 feet north of the centerline of State Road 32  
3.8 feet east of a fence corner (wire fence)

STATE OF INDIANA  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF WATER

PRIMARY SURVEY CONTROL DATA

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PROJECT DATA Station Code and No. D 112  
Project Name: Little Eagle Branch County: Hamilton Civil Twp: Washington  
Section 32, Township 19 N., Range 3 E., 2<sup>nd</sup> P.M. USGS 7.5' Quad: Westfield  
Agency Established by: USC & GS Date: 1946  
Agency Recovered by: DNR/Water Date: 1989

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ELEVATION DATA (N.G.V.D. 1929): Second Order Class II (DNR) \* New Elevation  
Elevation: 919.133 Feet 280.1524 Meters

ELEVATION DATA (N.A.V.D. 1988): Second Order Class II (DNR)  
Elevation: 918.797 Feet 280.0500 Meters

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POSITION DATA (N.A.D. 1927):  
Geodetic Position:  $\phi = 0^\circ \quad ' \quad ''$   $\lambda = 0^\circ \quad ' \quad ''$   
INDIANA STATE PLANE COORDINATES IN U.S. SURVEY FEET (one meter = 39.37 inches exactly)  
State Plane Coordinates: Zone, Easting: Northing:

POSITION DATA (N.A.D. 1983/ ):  
Geodetic Position:  $\phi = 0^\circ \quad ' \quad ''$   $\lambda = 0^\circ \quad ' \quad ''$   
INDIANA STATE PLANE COORDINATES IN U.S. SURVEY FEET (one meter = 39.37 inches exactly)  
State Plane Coordinates: Zone, Easting: Northing:

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AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
	0 ' "	0 ' "	
	0 ' "	0 ' "	
	0 ' "	0 ' "	

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DESCRIPTION OF MONUMENT, ROUTE TO STATION, AND REFERENCE MARKS

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The station is located 1.0 mile east of Jolietville; at the intersection of State Road 32 and Centennial Road, in the northwest quarter of the intersection; set in top of a concrete post, level with the ground; a U.S. Coast & Geodetic Survey bench mark tablet, stamped "D 112 1946".

D 112: 39.0 feet west-southwest of a utility pole (no number)  
25.0 feet north of the centerline of State Road 32  
17.5 feet west of the centerline of Centennial Road  
2.7 feet west-northwest of a road sign post

STATE OF INDIANA  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF WATER

PRIMARY SURVEY CONTROL DATA

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PROJECT DATA Station Code and No. E 112  
Project Name: Little Eagle Branch County: Hamilton Civil Twp: Washington  
Section 31, Township 19 N., Range 3 E., 2<sup>nd</sup> P.M. USGS 7.5' Quad: Westfield  
Agency Established by: USC & GS Date: 1946  
Agency Recovered by: DNR/Water Date: 1989  
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ELEVATION DATA (N.G.V.D. 1929): Second Order Class II (USC & GS)  
Elevation: 923.141 Feet 281.3740 Meters

ELEVATION DATA (N.A.V.D. 1988): Second Order Class II (DNR)  
Elevation: 922.780 Feet 281.2640 Meters  
-----

POSITION DATA (N.A.D. 1927):  
Geodetic Position:  $\phi = 0^{\circ} \quad ' \quad ''$   $\lambda = 0^{\circ} \quad ' \quad ''$   
INDIANA STATE PLANE COORDINATES IN U.S. SURVEY FEET (one meter = 39.37 inches exactly)  
State Plane Coordinates: Zone, Easting: Northing:

POSITION DATA (N.A.D. 1983/ ):  
Geodetic Position:  $\phi = 0^{\circ} \quad ' \quad ''$   $\lambda = 0^{\circ} \quad ' \quad ''$   
INDIANA STATE PLANE COORDINATES IN U.S. SURVEY FEET (one meter = 39.37 inches exactly)  
State Plane Coordinates: Zone, Easting: Northing:  
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AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
	0   '   ''	0   '   ''	
	0   '   ''	0   '   ''	
	0   '   ''	0   '   ''	

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DESCRIPTION OF MONUMENT, ROUTE TO STATION, AND REFERENCE MARKS  
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The station is located at Jolietville; 0.2 mile east along State Road 32 from its intersection with Joliet Road, at the Baptist Church; set vertically in the south face of the southwest corner of the church; a U.S. Coast & Geodetic Survey bench mark tablet, stamped "E 112 1946".

E 112: 42.0 feet north of the centerline of State Road 32  
15.0 feet west of the main entrance to the church  
3.3 feet above the ground  
1.4 feet east of the southwest corner of the church

STATE OF INDIANA  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF WATER

PRIMARY SURVEY CONTROL DATA

-----  
PROJECT DATA Station Code and No. TBM LE 1  
Project Name: Little Eagle Branch County: Hamilton Civil Twp: Washington  
Section 7, Township 18 N., Range 3 E., 2<sup>nd</sup> P.M. USGS 7.5' Quad: Westfield  
Agency Established by: DNR/Water Date: March 1989  
Agency Recovered by: Date:  
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ELEVATION DATA (N.G.V.D. 1929): Second Order Class II (DNR)  
Elevation: 892.985 Feet 272.1823 Meters

ELEVATION DATA (N.A.V.D. 1988): Second Order Class II (DNR)  
Elevation: 892.624 Feet 272.0723 Meters  
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POSITION DATA (N.A.D. 1927):  
Geodetic Position:  $\phi = 0^\circ \quad ' \quad ''$   $\lambda = 0^\circ \quad ' \quad ''$   
INDIANA STATE PLANE COORDINATES IN U.S. SURVEY FEET (one meter = 39.37 inches exactly)  
State Plane Coordinates: Zone, Easting: Northing:

POSITION DATA (N.A.D. 1983/ ):  
Geodetic Position:  $\phi = 0^\circ \quad ' \quad ''$   $\lambda = 0^\circ \quad ' \quad ''$   
INDIANA STATE PLANE COORDINATES IN U.S. SURVEY FEET (one meter = 39.37 inches exactly)  
State Plane Coordinates: Zone, Easting: Northing:  
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AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
	0   '   ''	0   '   ''	
	0   '   ''	0   '   ''	
	0   '   ''	0   '   ''	

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DESCRIPTION OF MONUMENT, ROUTE TO STATION, AND REFERENCE MARKS  
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TBM LE 1:      66.4 feet north of a utility pole  
                  12.2 feet northwest of a twin-trunked tree  
                  12.1 feet east of the centerline of the road  
                  11.3 feet northwest of a fence corner post  
                  2.5 feet below the road

## PRIMARY SURVEY CONTROL DATA

AZIMUTH DATA:												
Mark Name		Geodetic Azimuth			Grid Azimuth			Grid Distance (feet)				
		o	'	"	o	'	"					
		o	'	"	o	'	"					
		o	'	"	o	'	"					

DESCRIPTION OF MONUMENT, ROUTE TO STATION, AND REFERENCE MARKS

TBM LE 2: 257 feet northwest of the Buchanan McGehee Mausoleum  
175 feet southwest of the southwest corner of the Little Eagle Christian Church  
175 feet northeast of the centerline of the road west (East 156<sup>th</sup> Street)  
17.9 feet east of the centerline of Little Eagle Avenue

## PRIMARY SURVEY CONTROL DATA

AZIMUTH DATA:			
Mark	Name	Geodetic Azimuth	Grid Azimuth
		o ' "	o ' "
		o ' "	o ' "
		o ' "	o ' "
		o ' "	o ' "

DESCRIPTION OF MONUMENT, ROUTE TO STATION, AND REFERENCE MARKS

TBM LE 4:     10.9 feet south of the centerline of West 161<sup>st</sup> Street  
                   4.0 feet east of the west end of the headwall  
                   0.7 foot above the road  
                   0.55 foot north of the south face of the headwall

## PRIMARY SURVEY CONTROL DATA

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
	0   '   "	0   '   "	
	0   '   "	0   '   "	
	0   '   "	0   '   "	

## DESCRIPTION OF MONUMENT, ROUTE TO STATION, AND REFERENCE MARKS

The station is located at Eagletown; at the State Road 32 Bridge over Little Eagle Creek; set in the top of the northwest concrete headwall of the bridge, level with the road; an Indiana State Highway Commission bench mark tablet, stamped "HAM G 61."

HAM G 61:      24.0 feet north of the centerline of State Road 32  
                 1.7 feet east of the west end of the headwall